A Bibliography of Mental Tests and Rating Scales

SECOND EDITION

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GERTRUDE H. HILDRETH, PH.D.

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A BIBLIOGRAPHY OF MENTAL TESTS AND RATING SCALES

SECOND EDITION

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FOREWORD TO THE FIRST EDITION

In its earlier days as a science, psychology was once wittily defined by Dr. J. McKeen Cattell as "whatever the psychologists work at." Since measurement is essential to science, it has been but natural that a goodly portion of the time of psychologists has been devoted to working 'at' and 'with' various measuring devices, of which the largest number are now commonly known as Mental Tests and Rating Scales.

The prolific production of these devices is a credit to the industry of psychologists, and to the science, in so far as the devices measure validly and reliably the things they purport to measure. The purpose of this volume is not to serve as a critique of tests or of the testing movement, but to meet the need for a handy first reference as to what measurements of this kind have been attempted and the devices that have been tried, or are now available. It thus serves usefully all who seek either to utilize such tools as now exist or to profit from the previous work of others in their own efforts to develop better tools.

Both by training and breadth of experience. Dr. Hildreth is particularly well qualified to have undertaken the laborious task of preparing a bibliography of this character. Psychologists and many workers in allied fields are in her debt for the years of painstaking work she has put into it. In its criteria of selection, form of classification, and completeness, the bibliography constitutes a real and lasting contribution.

In so far as the production and improvement of mental tests and rating scales represent the advancement of psychology as a science, this bibliography is significant as a record of progress. Its publication by the Psychological Corporation is appropriate in that the Corporation's major purpose is "the advancement of psychology and the promotion of the useful applications of psychology."

Paul S. Achilles,
Managing Director,
The Psychological Corporation

January, 1933

PREFACE TO THE SECOND EDITION

The many new tests and rating scales published since this bibliography was first compiled five years ago have necessitated a new edition. New sections have been added to the bibliography and several have been reorganized. New bibliographical sources and additional periodical references in which test materials are described have been included. During recent years considerable progress has been made in the evaluation of aesthetic abilities and achievement. Advances have been made in the development of child guidance techniques. The personality testing field has expanded rapidly. There are many new devices for studying personality traits, abnormal and psychotic individuals, delinquent trends and behavior problems. In the psychomotor field progress is noted in the rating and measurement of physical fitness and athletic skill, as well as in speech measurement. Vocational and mechanical aptitudes represent another field in which measurement has made steady progress. Many new devices for testing educational attainment and school achievements are now available. The major growth in this direction will be found in high school and college evaluation devices.

The bibliographies of new tests published from 1933 to 1937 that have been prepared by Oscar K. Buros of Rutgers University have helped materially in making the revised bibliography complete. I am greatly indebted to librarians at Teachers College, Columbia University, and the public libraries of New York City for assistance in locating new materials; to Mrs. Katharine Latham Leslie and Miss Anne L. Rabin for assistance in preparing the material for publication.

G. H.

New York
December, 1938.

INTRODUCTION

The extent to which the measurement movement has produced devices for the study of human traits is indicated by the number and variety of the tests and rating scales listed in this bibliography. Mental measurement has pervaded every sphere of human activity. The capacities of infants a few weeks old to give attention, to coordinate their movements, to smile and to vocalize have been observed and rated. Prospective aviators are tested for sensory acuity, sense of direction and common sense, while students in every type of educational institution are systematically examined for scholastic aptitude and achievement.

Although the earliest tests antedate the present century, the majority of them have been devised since 1920. The trend toward objective observations in psychological experimentation, the application of scientific principles to education, the increasing popularity of methods for appraising and evaluating educational products, the growing interest in educational and vocational guidance, personality study and adjustment have contributed to progress in the testing movement.

In the early psycho-physical and psychological laboratories experimental procedures were developed that subsequently furnished patterns for modern measurement devices. But for the most part modern testing procedures have originated in psychological experimentation directed toward the study of human learning and behavior. Such study has been more concerned with outward manifestations of behavior than with the subjective analysis of inner mental states.

Important Contributions

A number of developments in mental measurement constitute landmarks of the movement. These are: the memory experiments of Meumann; the formulation of Weber's law; Wundt's experiments in the psychological laboratory; the questionnaires of G. Stanley Hall; Galton's observations of human traits, of individual differences, his studies of association of ideas, and the development of statistical techniques for expressing results in quantitative terms; the use by Ebbinghaus of completion tests for studying the mental responses of school children; the association experiments of Galton, Jung and Wertheimer; the development by Binet and Simon of scales for the measurement of intelligence and their subsequent adaptations by numerous workers both in America and abroad; Cattell's measurement of Columbia freshmen; Jastrow's and Woodworth's examination of subjects at the World's Fair, St. Louis; Münsterberg's vocational aptitude studies; the investigations by Spearman of the nature and relationship of mental traits; Courtis' early work

in the measurement of educational products; the appearance of the Thorndike English composition, handwriting and drawing scales; the development by Rossolimo of the psychological profile; Seashore's studies of musical talent; the Army mental testing program in America; the early mental tests devised by Burt in England and Ferrari in Italy; Woodworth's neurotic inventory; the character studies of Hartshorne and May; the introduction by Stern of the intelligence ratio for the statement of test results in comparable terms; the publication by Terman of the Stanford Revision of the Binet Scale; the performance test scale developed by Pintner and Paterson. Many of the devices developed by these workers have become classics in their field and have proved to be ingenious, reliable, practically useful and stimulating to more recent workers.

In 1905 appeared Meumann's article on intelligence tests of children in the Volksschulen, published in "Die Experimentelle Pädagogik," the first comprehensive description and summary of available techniques for the mental measurement of school children. This was followed in 1910 by the first edition of Whipple's *Manual,* a comprehensive handbook of the psycho-physical and mental tests available at that time. For the first time all important references to tests were brought together in one volume.

This *Bibliography of Mental Tests and Rating Scales* now spans fifty years in the development of methods for observing and measuring mental traits. To some extent the present list constitutes a history of the measurement movement and of the various parts that different individuals, institutions, countries and cultures have played in efforts to study behavior. The present list also contains the vital statistics of measurement devices—their origin, growth and development. Devices for the measurement of personality and character traits have increased in numbers more phenomenally than tests in any other field, although devices for measuring all aspects of school work on elementary, high school and college levels have appeared with increasing frequency for a period of twenty-five years.

The rapid increase in the number and variety of available tests and scales has been accompanied by evaluation and criticism of measurement methods, greater refinement in testing procedures, and continued evaluation of results. New concepts of mental functioning and continued activity in the analysis of mental traits will eventually lead to improved techniques for describing and measuring human behavior.

Criteria for the Selection of Tests Listed

The present list is not selective on the basis of comparative merit. Some tests are obviously better than others according to all acceptable

standards, some have so little merit that they should obviously never have been published, others have long since gone out of date or have been replaced by improved editions. But in order to make the record complete it is necessary to include in a truly comprehensive list all materials that have at any time been available. Even a comparatively inferior test according to all modern standards may be of some service to the research worker. The inclusion of a particular test here, therefore, does not imply that it necessarily has any particular merit, high reliability nor validity. Although standards are available for judging the merit of tests, these standards have not been applied as selective criteria for the present list.

Other criteria of selection were applied somewhat as follows: Tests were included that were standardized with reference to method of administration in the sense that they admit of repetition by other examiners with other subjects, that were objective in character wholly or in part, that were intended for repeated use in the measurement of mental characteristics primarily for practical purposes or service functions, and tests that were generally available either from publishers or test distributors, or that were described adequately in professional journals. We omitted materials that were almost wholly subjective in character, were designed solely for use in an isolated experiment (as for example, in the study of transfer of training or mental fatigue), were not standardized as to method of administration or were not available in published form. Exceptions to these criteria were occasionally made in the case of a few laboratory experiment techniques which have been historically important, or experimental techniques which give promise of developing into reliable testing instruments. A few materials, almost wholly subjective in character, have been included in the fields of testing less susceptible to objective measurement. Many of the character and personality rating scales included belong in this category, as well as rating scales for handwriting, aesthetic qualities, and written composition.

Techniques for measuring mental traits and character qualities by means of the psycho-galvanometer, the dynamometer, ergograph, sphygmometer, encephalogram and similar apparatus have not generally been included chiefly because they measure complexes of physio-psychological responses from which the more purely psychological responses are with difficulty isolated, and because, in spite of extensive and informative experimentation, they are still largely in experimental form, and their status as valid devices for mental measurement purposes is not yet fully proved. Such devices must not be overlooked by the investigator who is interested in all available means of measuring mental responses. The techniques and apparatus involved constitute an important field of re-

search in modern psychology. The list of sources given on pp. xiv–xx includes references to devices in this field.

The dividing line between sensory, physical, psycho-motor, and tests of the higher mental functions is difficult if not impossible to determine. Tests of such abilities as lung capacity, grip and aiming, may appear to be more largely physical than mental, yet all have mental reaction concomitants and some are reliable indices of emotional control and mental maturity. Sensory tests are included only when they constitute an integral part of a battery or group of tests used as a whole. They are not included when used in isolation. Sensory acuity tests of the simpler variety have been excluded. Tests of keenness of vision and hearing, optical illusions, reaction time, color-blindness and the like are omitted, although tests of lateral dominance are included.

Learning tests that have become a part of psychological examining, such as tests for the diagnosis of reading deficiencies and the determination of types and degrees of mental defect, have been included. For the most part, learning tests have been employed chiefly in learning experiments requiring successive testing over a period of time and have not been developed for routine examination of the ability of individuals to memorize. Research workers often use standardized mental tests as learning tests by repeating the test at successive time intervals.

Differentiation as to the purpose for which testing materials were intended was observed in another criterion used in selection. Tests designed for no use beyond experimentation to determine psychological principles or laws were excluded, unless such tests had subsequently become standard testing materials. Reference to psychological laboratory apparatus has been made only when such apparatus has been definitely related to testing procedures according to the criteria stated. In so far as possible the list has been made international in scope.

The tests have been listed alphabetically according to the author, or the first author if several names are given. If the test is well known by its title rather than by the name of the author, the test has usually been classified under the test name. In other cases tests are classified according to the place where they have been developed, if the place name is an important part of the title and indispensable in distinguishing it from other similar tests. Items known to be out of print or not available have been placed at the end of each section. The index has been made as complete as possible to facilitate the finding of particular test items. The date given in each case is the date first mentioned in available publications. The age or grade range given in many cases is only approximate. A full list of the reference abbreviations used is given at the end of this introduction. The symbols and abbreviations of *L'Année Psychologique*

and *Psychological Abstracts* have generally been adhered to. *Test items accompanied only by periodical or book references are in most cases not available as separate published tests.*

Classification

Classification of the material has been difficult because of the variety of capacities tested by specific tests and because of the variety of purposes which many of the tests serve. A test used for measuring general mental ability might also be classified as a test for exceptional children, for vocational guidance, or for elementary school children. A completion test may at the same time be a personality test, a performance test, a high school level test, a reading test, or a reasoning test. A perception test may at the same time be a drawing test, a reading test, or a speech test. As these illustrations indicate, any classification must necessarily be arbitrary. Frequent cross references bring some order out of chaos.

It has been suggested that all mental tests should avoid such designation as tests of "character," "intelligence," "reasoning," and the like, since all of these capacities overlap. Although such classification is wholly artificial, it is used for convenience in connection with the present list. In the classification scheme finally adopted, the chief categories are as follows: 1. Intelligence, scholastic aptitude, and mental traits. 2. Educational achievement and scholastic aptitude. 3. Personality tests and rating scales. 4. Vocational aptitude, skills and achievement.

This classification is primarily a functional one, corresponding with the purposes most commonly served by the tests listed.

Materials designed primarily for instructional purposes have been omitted, although many of these materials have characteristics similar to those of standardized tests. Testing materials to be used in conjunction with teaching materials have been included. The criteria of availability and purpose were used in making decisions in doubtful cases. Classroom tests not designed for repeated use have in general been excluded. Drill materials are included when they meet the criteria already stated, but not otherwise.

Although home and environment rating scales are in no sense direct measures of personality and character traits, they are included because they often afford valuable indirect evidence of behavior and capacity, and are commonly used in personality study.

Some of the tests listed here were published only for private use and have never been commercially distributed.

References

Each reference in the bibliography given in conjunction with the name of a test is the reference which gives the most comprehensive description of the test or which includes a facsimile copy of the test. The list is not intended to include all available references concerning a test. Cross references have been made whenever necessary. It has not been feasible, however, to cross-reference single tests included in scales such as the Binet, although Stern and Wiegmann have done this very completely in their publication. For the specific tests included in such scales and batteries the reader must consult references to the particular tests. The only exception to this rule has been made in the case of earlier classical tests which may for a time have been used singly rather than as parts of batteries. Although the test items have not been annotated, many of the references given contain both interpretative as well as descriptive material.

The reader may be unable to locate a particular test because of confusion in name. Occasionally a specific test is known by several different names as in the case of the Seguin board, known also as the Goddard, the Sylvester, the Norsworthy form board. The name most commonly associated with a test has ordinarily been given.

Additional reference sources of a more general character include *L'Année Psychologique, Psychological Abstracts, Educational Abstracts, The Psychological Index, U. S. Bureau of Education Bibliography of Current Educational Publications, The Psychological Register, Educational Research Bulletins of the American Educational Research Association, Wilson's Cumulative Library Index,* and *The Educational Index.*

LIST OF SOURCES

Affleck, G. B. Bibliography of tests in physical education for 1934. Research Quarterly of the American Physical Education Association, December, 1935, 6, 135–163.

Anderson, R. N. Measurement of clerical ability. A bibliography. Personnel Journal, 1929, 8, 232–244.

Association Press, New York. Series of Character and Personality Tests, 1931.

Baker, H. J., and others. Tests of intelligence and aptitude. Review of Educational Research, 1932, 2, 271–342.

Baker, H. J. (chairman), Psychological tests. Review of Educational Research, 1935, 5, No. 3. Washington, D. C.: American Educational Research Association of the National Education Association.

Ballard, P. B. Mental tests. London: Hodder and Stoughton, 1920.

Baumgarten, F. Die Berufseignungsprüfungen. Munich: Oldenbourg, 1928.

Beeson, M. E. Educational tests and measurements. Greeley: Colorado State Teachers College Bulletin, 1920, No. 3.

Bell, J. C. Group tests of intelligence. An annotated list. Journal of Educational Psychology, 1921, 12, 103–108.

Bibliographies on Health and Physical Education. Review of Educational Research, 1931, 1, No. 5, 398–402; 1932, 2, No. 1, 78–80.

Bibliography of Tests and Measurements in Health and Physical Education, by Charles H. McCloy. Unpublished, mimeographed, revised from year to year. State University of Iowa, Iowa City.

Bibliography of Objective Tests in Vocational Subjects. Bulletin of the University of the State of New York. Albany: University of the State of New York.

Bibliography of tests used in schools. Yonkers-on-Hudson: World Book Company, revised from year to year.

Bingham, W., and Freyd, M. Procedures in employment psychology. Chicago: A. W. Shaw Company, 1926, p. 85.

Bingham, W. V. Aptitudes and aptitude testing. New York: Harper and Brothers, 1937.

Board of Education, London, England. Report of the Consultative Committee on Psychological Tests of Educable Capacity and Their Possible Use in the Public School System. London: His Majesty's Stationery Office. 1924. Reprinted, 1928.

Boardman, H. Psychological tests. A bibliography. New York: Bureau of Educational Experiments, 1917, Bulletin No. 6.

Bovard, J. F., and Cozens, F. W. Tests and measurements in physical education 1861–1925. Eugene: Oregon University Publication, Physical Education Series, Vol. 1, No. 1, 1926.

Breslich, E. R. A brief bibliography of tests in high school subjects. School Review, 1919, 27, 799–809.

Brewer, J. M., and others. Mental measurement in educational and vocational guidance. Cambridge: Harvard University Bulletin in Education, 1924, No. 10, p. 38.

Bronner, Augusta F., Healy, William, Lowe, Gladys M., and Shimberg, M. E. A manual of individual mental tests and testing. Boston: Little, Brown and Company, 1927, pp. 263–278.

Buckingham, B. R., Doherty, M., and MacLatchy, J. Bibliography of educational and psychological tests and measurements. Washington: U. S. Bureau of Education Bulletin, 1923, No. 55.

Buros, O. K. Educational, psychological and personality tests of 1933, 1934 and 1935. New Brunswick, N. J.: School of Education, Rutgers University, 1936.

Buros, O. K. Educational, psychological and personality tests of 1936. New Brunswick, N. J.: School of Education, Rutgers University, 1937.

Burt, C. Mental and scholastic tests. London: P. S. King and Son, 1921.

Carothers, F. E. Psychological examinations of college students. Archives of Psychology, 1922, Number 44.

Cattell, R. B. A guide to mental testing. London: University of London Press, 1936.

Character Education. Washington: U. S. Bureau of Education Bulletin, 1926, No. 7.

Claparède, E. Comment diagnostiquer les aptitudes chez les écoliers. Paris: Flammarion, 1924.

Coleman, A. An analytical bibliography of modern language teaching, 1927–1932. Chicago: University of Chicago Press, 1933.

Committee Report of the American Physical Education Association, C. L. Brownell, Chairman. Annotated Bibliography of Tests and Measurements in Physical Education. Unpublished report available from Dr. C. L. Brownell, Teachers College, Columbia University, or Dr. T. K. Cureton, Springfield College, Springfield, Mass. (1932)

Cornell, E. L. Educational measurements and tests. Bibliography of diagnostic tests and individual guidance aids. Albany: State Education Department, Educational Research Division.

Cowley, W. H. The personnel bibliographical index. Columbus, Ohio: Bureau of Educational Research, Ohio State University, 1932.

Cozens, F. W., Trieb, M. H., and Neilson, N. P. Physical education achievement scales for boys in secondary schools. New York: A. S. Barnes and Company, 1936.

Cureton, T. K. A guide to tests and measurements in health and physical education. Springfield, Mass.: T. K. Cureton, Springfield College, 1936.

Cureton Card File Bibliography of Tests and Measurements in Health and Physical Education. Available at Springfield College, Springfield, Mass., Office of Dr. T. K. Cureton.

Decroly, O., and Buyse, R. La pratique des tests mentaux. Paris: Alcan, 1928.

Flemming, C. W., and Flagg, M. A descriptive bibliography of prognostic and achievement tests in music. New York: Bureau of Publications, Teachers College, Columbia University, 1936.

Freeman, F. N. Mental testing. Boston: Houghton Mifflin, 1926.

Freeman, F. N. Tests. Psychological Bulletins, 1911, 8, 21–24; 1912, 9, 215–221; 1913, 10, 271–274; 1914, 11, 253–256; 1915, 12, 187–188; 1916, 13, 268–271; 1917, 14, 245–249; 1919, 16, 374–381; Mental Tests, 1920, 17, 353–362.

Freyd, Max. Selection of typists and stenographers: information on available tests. Journal of Personnel Research, 1927, 5, 490–510.

Froemming, A. H. Bibliography of character tests and measurements. Journal of Educational Research, 1927, 16, 223–226.

Fryer, D. The measurement of interests in relation to human adjustment. New York: Holt, 1931.

Furfey, Paul H. Tests for the measurement of non-intellectual traits. Washington: Educational Research Bulletin, Catholic University of America, Catholic Education Press, 1928.

Gambrill, Bessie L. An analytical list of kindergarten-primary tests. New Haven: Whitlock's Bookstore.

Garrett, H. E., and Schneck, M. R. Psychological tests, methods and results. New York: Harper and Brothers, 1933.

Geyer, S. L. Selected references on standardized tests and statistics. Chicago Schools Journal, 1926, 8, 219–223.

Giese, F. W. O. Handbuch psychotechnischer Eignungsprüfungen. Halle: Marhold, 1925.

Goddard, Herbert H. Bibliography of mental deficiency. Training School, 1909, 6.

Gray, William S. A selected bibliography upon practical tests of reading ability. Fourteenth Yearbook of the National Society for the Study of Education, Part I, 1915.

Hartshorne, H., and May, M. Objective methods of measuring character. Pedagogical Seminary, 1925, 32, 45–67.

Hartshorne, H., and May, M. Studies in deceit. New York: Macmillan, 1928.

Hildreth, G. Psychological service for school problems. Yonkers-on-Hudson: World Book Company, 1930, p. 281 ff.

Holley, Charles E. Mental tests for school use. Urbana: University of Illinois Bulletin 1920, No. 4.

Hollingworth, H. L. Vocational psychology and character analysis. New York: Appleton, 1929.

Holmes, H. W., and others. Descriptive bibliography of measurement in elementary subjects. Cambridge: Harvard University Bulletin in Education, 1917, No. 5.

Horsch, A. C. and Davis, R. A. Topical summaries of current literature: Mental hygiene and personality tests. American Journal of Sociology, 1935, 40, 646–658.

Hylla, Erich. Testprüfungen der Intelligenz. Braunschweig: Westerman, 1927.

Kansas State Teachers College Bulletin, Standard Tests Number. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College, August, 1937, Vol. 17, No. 8.

Kelley, T. L., and Krey, A. C. Tests and measurements in the social sciences. New York: Scribner's, 1934.

Kelley, T. L. Interpretation of educational measurements. Yonkers, N. Y.: World Book Company, 1927.

Kinder, J. S., and Odell, Charles W. Educational tests for use in institutions of higher learning. Urbana: University of Illinois Bulletin, 1930, 27, No. 49.

Kohs, S. C. An annotated bibliography of recent literature on the Binet-Simon Scale, 1913–17. Journal of Educational Psychology, 1917, 8, 425–438, 488–502, 559–565, 609–618.

Kohs, S. The Binet-Simon measuring scale for intelligence: an annotated bibliography. Journal of Educational Psychology, 1914, 5, 215–224, 279–290, 335–346.

Kornhauser, A. W., and Kingsbury, F. A. Psychological tests in business. Chicago: University of Chicago Press, 1924, p. 194.

Knudsen, Charles W. Evaluation and improvement of teaching. New York: Doubleday, Doran, 1932, pp. 238–248.

Kregel, Luvella. Summary of social science tests. Journal of Educational Research, 1929, 20, 308–309.

Levine, A. J., and Marks, L. Testing intelligence and achievement. New York: Macmillan, 1928.

Long, A. E., and Pear, T. H. A classification of vocational tests of dexterity. Industrial Health Research Board, Report No. 64, 1932.

Madsen, I. N. Educational measurement in the elementary grades. Yonkers: World Book Company, 1930.

Maller, J. B. Character and personality tests. New York: Bureau of Publications, Teachers College, Columbia University, 1932; revised and enlarged edition, 1937.

Malott, J. L., and Segel, D. Tests in commercial education. An annotated list. U. S. Dept. of the Interior, Circular, 1932, No. 56, pp. 11. Washington, D. C.: Department of the Interior.

Manahan, J. L. A bibliography of educational surveys and tests. University of Virginia Record, Extension Series, 1916, 2, 50–92.

Manson, Grace E. Bibliography of analysis and measurement of human personality up to 1926. Washington: National Research Council, 1926.

Manson, Grace E. Bibliography on tests and other objective measures in industrial personnel. Journal of Personnel Research, 1925, 4, 301–328.

Meumann, E. Intelligenzprüfung an der Kinder der Volksschule. Experimentelle Pädagogik, 1905, Vol. I.

Mitchell, David, and Ruger, Georgie. Psychological tests, revised and classified. New York: Bureau of Educational Experiments, 1918, Bulletin No. 9.

Monroe, W. S. Existing tests and standards. Seventeenth Yearbook of the National Society for the Study of Education, Part I, Bloomington, Illinois: Public School Publishing Company, 1918.

Monroe, W. S. Standardized tests for high school. Journal of Educational Research, 1920, 1, 149–153, 228–242, 311–320.

Monroe, W. S., and Clark, J. A. Measuring teaching efficiency. Educational Research Bulletin of the University of Illinois, Vol. 21, No. 22, Educational Research Circular, No. 25. Urbana: University of Illinois, 1924.

Monroe, W. S., DeVoss, J. C., and Kelly, F. J. Educational tests and measurements. Boston: Houghton, Mifflin, 1923.

Mursell, J. L. Psychology of music. Psychological Bulletin, 1932, 29, 218–241.

Neilson, N. P., and Cozens, F. W. Achievement scales in physical education activities for boys and girls in elementary and junior high schools. New York: A. S. Barnes and Co., 1934.

Newell, Constance. The uses of the formboard in the mental measurement of children. A review and classification of the literature. Psychological Bulletin, 1931, 28.

Newkirk, L. V., and Greene, H. A. Tests and measurements in industrial education. New York: John Wiley and Sons, 1935, pp. 253.

Odell, Charles W. Educational tests for use in elementary schools, second revision. Urbana: University of Illinois Bulletin, 1927, 24, No. 49.

Odell, Charles W. Educational tests for use in high school, third revision. Urbana: University of Illinois Bulletin, 1927, 24, No. 33.

Payne, Arthur P. Administration of vocational education with special emphasis on the administration of vocational industrial education under the federal vocational education law. New York: McGraw-Hill Publishing Company, 1924, pp. 333–343, 345–347.

Peterson, J. Early conceptions and tests of intelligence. Yonkers, N. Y.: World Book Company, 1925.

Piéron, Henri. Une oeuvre psychologique de guerre; l'examen des aviateurs. Année Psychologique, 1914–19, 21, 237–252.

Pintner, Rudolf. Intelligence testing—methods and results. New York: Henry Holt and Company, 1931.

Preschool and parental education. Part II, Twenty-eighth Yearbook of the National Society for the Study of Education. Bloomington, Illinois: Public School Publishing Company, 1929.

Prognosis tests in the modern foreign languages. American and Canadian Committee on Modern Languages. New York: Macmillan Company, 1929.

Psychological Bulletin, 1926, 23, No. 7. Pintner, Rudolf. Intelligence tests. Jones, V. A., and McCall, W. A. Educational tests. May, Mark A., and Hartshorne, Hugh. Character and personality tests.

Psychological Bulletin, 1927, 24, No. 7. Pintner, Rudolf. Intelligence tests. Krieger, Laura, and McCall, W. A. Educational tests. May, M. A., Hartshorne, H., and Welty, R. E. Personality and character tests.

Psychological Bulletin, 1928, 25, No. 7. Pintner, Rudolf. Intelligence tests. Jones, Vernon. Educational tests. May, M. A., Hartshorne, H., and Welty, R. E. Personality and character tests.

Psychological Bulletin, 1929, 26, No. 7. Pintner, Rudolf. Intelligence tests. Jones, Vernon. Educational tests. May, M. A., Hartshorne, H., and Welty, R. E. Personality and character tests.

Psychological Bulletin, 1930, 27, No. 6. Pintner, Rudolf. Intelligence tests. Jones, Vernon, and Crook, Mason. Educational tests. May, Mark A., Hartshorne, Hugh, and Welty, R. E. Personality and character tests.

Psychological Bulletin, 1932, 29, No. 2. Pintner, Rudolf. Intelligence tests. Jones, Vernon, and Crook, Mason. Educational tests. Watson, Goodwin. Measures of character and personality.

Psychological Bulletin, 1933, 30, No. 7. Edited by R. Pintner. Character and personality tests, G. Watson. Intelligence tests, R. Pintner. Educational tests, V. Jones and C. Neet.

Psychological Bulletin, 1934, 31, No. 7. Edited by R. Pintner. Intelligence tests, R. Pintner; Educational tests, V. Jones and R. Brown; Character and personality tests, J. B. Maller.

Psychological Bulletin, 1935, 32, No. 7. Edited by Rudolf Pintner. Intelligence tests, R. Pintner; Educational tests, V. Jones and R. Brown. Character and personality tests, J. B. Maller.

Roback, A. A. A bibliography of personality and character. Cambridge: Sci-Art Publishing Company, 1927.

Rosner, R. Moralprüfung bei Jugendlichen. Allgemeine Zeitschrift für Psychiatrie, 1927, 86, 91–101.

Rossi, D., and Rossi, W. H. Personnel administration, a bibliography. Baltimore: Williams and Wilkins, 1925.

Ruch, G. M. The objective or new type examination. Chicago: Scott, Foresman, 1929.

Ruch, G. M., and Rice, G. A. Specimen objective examinations. Chicago: Scott, Foresman Company, 1931.

Ruch, G. M., and Stoddard, G. D. Tests and measurements in high school instruction. Yonkers-on-Hudson: World Book Company, 1927.

Sandiford, P. A bibliography of intelligence and educational tests. Toronto: University of Toronto Press, 1928.

Schieffelin, B., and Schwesinger, G. C. Mental tests and heredity. New York: The Galton Publishing Company, 1930.

Seago, D. W. An analysis of the language factors in intelligence tests. Mental Measurement Monographs, 1925, No. 1.

Sears, J. B. Bibliography on the measurement of teaching efficiency. Ref: Sears, J. B. The measurement of teaching efficiency. Journal of Educational Research, 1921, 4, 481–94.

Segel, D. Selected list of tests and ratings for social adaptation. Circular No. 52. U. S. Dept. of the Interior, Washington, D. C.: Dept. of the Interior.

Smith, Henry L., and Wright, W. W. Tests and measurements. New York: Silver, Burdett, 1928.

Smith, Henry L., and Wright, W. W. Bibliography of educational measurements, second edition. Bloomington, Indiana: Bulletin of the School of Education, Indiana University, 1927, 4, No. 2.

Smith, Homer J. Objective measurement in industrial education. Industrial Education Magazine, 1930, 31, 331, 336.

South, Earl Bennett. An index of periodical literature on testing, 1921–1936. New York: Psychological Corporation, 1937.

Standards and tests for the measurement of efficiency of schools and school systems. Fifteenth Yearbook of the National Society for the Study of Education. Bloomington, Illinois: Public School Publishing Company, 1916.

Stern, William. Die Intelligenz der Kinder und Jugendlichen. Fourth Edition. Leipzig: Barth, 1928.

Stern, William, and Wiegmann, Otto. Methodensammlung zur Intelligenzprüfung. Leipzig: Barth, 1926.

Stoelting catalog of psychological and physiological apparatus and supplies. Chicago: C. H. Stoelting and Company.

Stutsman, R. Mental measurement of preschool children. Yonkers: World Book Company, 1931.

Symonds, P. M. Psychological diagnosis in social adjustment. New York: American Book Co., 1934.

Symonds, P. M. Measurement in secondary education. New York: Macmillan, 1927.

Symonds, P. M. Diagnosing personality and conduct. New York: Century Company, 1931.

Symonds, P. M. (chairman). Psychological tests. Review of Educational Research, 1938, 7, No. 3. Washington, D. C.: American Educational Research Association of the National Education Association.

Tenth Yearbook of the Department of Superintendence. Character education. Washington: National Education Association, 1932, pp. 345–404.

Thurstone, L. L. Intelligence tests in the civil service. Journal of Personnel Research, 1924, 2, 431–441.

Tiegs, E. W. Tests and measurements for teachers. Boston: Houghton Mifflin, 1931.

Tillinghast, C., Kelley, T. L., and Briggs, T. H. A bibliography of tests for use in high school. Teachers College Record, 1922, 23, 375–395.

Torgerson, T. L. List of tests published in 1928. Journal of Educational Research, 1929, 19, 376–381.

Traxler, Arthur E. The use of tests and rating devices in the appraisal of personality. Educational Records Bulletin, No. 23, March 1938. New York: Educational Records Bureau, 437 West 59th Street.

Tryon, R. M. Standard and new-type tests in the social studies. Historical Outlook, 1927, 18, 172–178.

Tyler, Ralph W. Constructing achievement tests. Columbus: Ohio State University, 1934.

Walker, H. M. (Editor). The measurement of teaching efficiency. New York: Macmillan, 1935.

Watson, G. B. Character tests of 1926. Vocational Guidance Magazine, 1927, 5, 302–309.

Watson, G. B. Tests of personality and character. Review of Educational Research, 1932, 2, 183–270.

Webb, L. W., and Shotwell, A. M. Standard tests in the elementary school. New York: Long and Smith, 1932.

Wells, F. L. Association tests and personality bibliography. Psychological Bulletin, 1916, 13, 146–147.

Whipple, G. M. Manual of physical and mental tests. Baltimore: Warwick and York, 1914 and 1915.

Whipple, G. M. Annotated list of group intelligence tests. Twenty-first Yearbook of the National Society for the Study of Education. Bloomington, Illinois: Public School Publishing Company, 1923, pp. 93–116.

Wilkins, L. A. Modern foreign languages. New York: Board of Education of the City of New York, 1931, pp. 45–48.

Woody, Clifford. Standardized tests designed for use in institutions of higher learning. Washington: American Council on Education. Reprinted from the Twenty-eighth Yearbook of the National Society of College Teachers of Education. Chicago: The University of Chicago Press, 1930.

Wylie, A. T. A brief history of mental tests. Teachers College Record, 1920, 23, 19–33.

Young, K. The measurement of personal and social traits. Journal of Abnormal and Social Psychology, 1928, 22, 431–442.

KEY TO ABBREVIATIONS OF MAGAZINES

American Journal of Insanity	AmJIn
American Journal of Orthopsychiatry	AmJOrth
American Journal of Psychology	AmJPs
American Journal of Psychiatry	AmJPsychiat
American Journal of Sociology	AmJSoc
American Physical Education Review	AmPhEdRev
American Political Science Review	AmPolScRev
American School Board Journal	AmSchBJ
Anals de l'Institut National d'Orientació Professional	AnInstOrnProf
L'Année Psychologique	AnPs
Archives Belges de Science et Education	ArchBelgesSciEduc
Archiv für die gesamte Psychologie	ArGsPs
Archivio Italiano di Psicologia	ArIPs
Archiv für Kriminal-Anthropologie u. Kriminalistik	ArKr
Archives of Neurology and Psychiatry	ArNeuPsychiat
Archives de Philosophie	ArPh
Archives of Psychology	ArPs
Archives de Psychologie	ArPs(-f)
Archiv für Psychiatrie und Nervenkrankheiten	ArPt
Australian Journal of Psychology	AusJPs
Beihefte zur Zeitschrift für Angewandte Psychologie	BhZAngPs
Beiträge zur Kinderforschung und Heilerziehung	BKi
Beiträge zur Psychologie der Aussage	BPsAu
British Journal of Educational Psychology	BrJEdPs
British Journal of Medical Psychology	BrJMedPs
British Journal of Psychology	BrJPs
British Journal of Psychology Monographs	BrJPsM
British Journal of Psychology Monograph Supplement	BrJPsMSup
Bulletin de l'Institute National d'Orientació Professional	BuInNatProf
Bulletin of the National Research Council	BullNatResCouncil
Bulletin de la Société d'Anthropologie de Bruxelles	BuSocAntBruxelles
Bulletin de la Société Alfred Binet	BuSocBinet
Bulletin de la Société libre pour l'étude psychologique de l'enfant	BuSocEtPsEnf
Catholic University of America Educational Research Bulletin	CathUAmEdResBul
Child Development	ChDev
Childhood Education	ChEd
Chinese Journal of Psychology	ChJPs
Child Study	ChS
Columbia Contributions to Education	ColConEd
Columbia Contributions to Philosophy and Psychology	ColConPhPs
Comparative Psychology Monographs	ComPsM
Contributions to Education of the National Central University, China	ContrEducNatCentUniv
Comptes rendus de l'Académie des Sciences	CrAcSci
Deutsche Psychologie	DPs
Deutsche Schule	DSc
Deutsche Zahnheilkunde Wochenschrift	DZahnWoch
Educational Administration and Supervision	EdAdSup
Educational Gazette	EdGaz
Educational Method	EdMeth
Educational Psychology Monograph	EdPsM
Educational Research Record	EdResRec

Educational Review	EdRev
Elektrotechnische Zeitschrift	ElecTeZ
Elementary School Journal	ElemSchJ
English Journal	EngJ
Experimentelle Pädagogik	ExPäd
Forum of Education	Forum of Ed
French Review	FrRev
Fortschrifte der Psychologie und ihrer Anwendungen	FsPs
General Electric Review	GenElRev
Genetic Psychology Monographs	GenetPsM
Harvard Monographs in Education	HarMEd
Harvard Teachers Record	HarTeachRec
Historical Outlook	HistOut
High School Teacher	HSTea
Industrial Arts Magazine	IndAMag
Industrial Arts and Vocational Education	IndAVocEd
Industrial Education Magazine	IndEdMag
Indian Journal of Psychology	IndJPs
Industrial Psychology	IndPs
Industrielle Psychotechnik	IndPste
International Zeitschrift für Individual Psychologie	IntZIndPs
Journal of Abnormal Psychology	JAbPs
Journal of Abnormal and Social Psychology	JAbSoPs
Journal of the American Medical Association	JAmMedAssoc
Japanese Journal of Experimental Psychology	JapJExPs
Japanese Journal of Psychology	JapJPs
Journal of Applied Psychology	JApPs
Journal of Applied Sociology	JApSoc
Journal of Business Education	JBusEd
Journal of Comparative Psychology	JComPs
Journal of Criminal Law and Criminology	JCrimLawCriminology
Journal of Delinquency	JDel
Journal of Delinquency Monographs	JDelM
Journal of Educational Method	JEdMeth
Journal of Educational Psychology	JEdPs
Journal of Educational Research	JEdR
Journal of Educational Sociology	JEdSoc
Journal of Engineering Education	JEnginEd
Journal of Experimental Education	JExEd
Journal of Experimental Pedagogy	JExPed
Journal of Experimental Psychology	JExPs
Journal of General Psychology	JGenPs
Journal of Genetic Psychology	JGenetPs
Journal of Home Economics	JHomeEco
Journal of Industrial Hygiene	JIndHy
Journal of Juvenile Research	JJuvRes
Journal für Kinderkrankheiten	JKh
Journal of the National Institute of Industrial Psychology	JNaInsIndPs
Journal of Negro Education	JNegroEd
Journal de Neurologie et de Psychiatrie	JNeuPsychiat
Journal of Personnel Research	JPerR
Journal de Psychologie	JPs
Journal of Psycho-Aesthenics	JPsAesth
Journal of Psycho-Aesthenics Monograph Supplement	JPsAesthMSup
Journal of Social Psychology	JSocPs
Klinik für psychische und nervöse Krankheiten	KlPs
Mathematics Teacher	MathTea

Medical and Surgery Journal	MedSurgJ
Mental Hygiene	MenHy
Mental Hygiene Bulletin	MenHyB
Modern Language Forum	ModLanForum
Modern Language Journal	ModLanJ
New York Medical Journal	NYMedJ
Pädagogisch-psychologische Arbeiten	PdPsArb
Pädagogisch-psychologische Forschungen	PdPsFo
Pedagogical Seminary	PedSem
Pedagogical Seminary and Journal of Genetic Psychology	PedSemJGenetPs
Personnel Journal	PerJ
Praktische Psychologie	PrakPs
Psychological Abstracts	PsAb
Psychological Bulletin	PsBul
Psychological Clinic	PsCl
Psychological Monographs	PsM
Psychological Review	PsR
Psychological Review Monographs	PsRM
Psychologische Rundschau	PsRundschau
Psikhotechnika i psikhofiziologiya truda	Psikhotekh. i. psikhofiziol. truda
Psychotechnische Zeitschrift	PsteZ
Public Personnel Studies	PubPerS
Report of the Institute of Science and Labor, Japan	RepInstSciLabour
Revue de Neurologie et Psychiatrie	RevNeurPsychiat
Revista de Psicologia i Pedagogia	RevPsicolPedag
Revue de la Science du Travail	RevScTrav
Revue Philosophique	RPh
Revue Philosophique de la France et de l'Étranger	RPhF
La Revue Psychologique	RPs(-f)
School Hygiene	SchHy
School Review	SchRev
Schriften zur Psychologie der Berufseignung und des Wirtschaftslebens	SchrPsBeWi
School Science and Mathematics	SchScMath
School and Society	SchSoc
Sammlung von Abhandlungen zur psychologischen Pädagogik aus dem Archiv für die gesamte Psychologie	SmAbPsPd
Social Science Monographs	SocSciM
Teachers College Contributions to Education	TCConEd
Teachers College Record	TCRec
Training School	TrSch
Training School Bulletin	TrSchB
University of Iowa Studies in Character	UnivIowaSChar
University of Iowa Studies in Child Welfare	UnivIowaSChWelf
University of Iowa Studies in Psychology	UnivIowaSPs
Vocational Guidance Magazine	VocGuidMag
Wissenschaftliche Beiträge zur Pädagogie und Psychologie	WiBPdPs
Yearbook of the National Society for the Study of Education	YrbkNaSocSEd
Zeitschrift für angewandte Psychologie und psychologische Sammelforschung	ZAngPs
Zentralblatt für Nervenheilkunde und Psychiatrie	ZbN

Zeitschrift für die Erforschung und Behandlung des jugendlichen Schwachsinns auf wissenschaftlicher Grundlage ..... ZJgSchw
Zeitschrift für Kinderforschung mit besonderer Berücksichtigung der pädagogische Pathologie ..... ZKi
Zeitschrift für die gesamte Neurologie und Psychiatrie ..... ZNPsychiat
Zeitschrift für pädagogische Psychologie ..... ZPädPs
Zeitschrift für Psychologie ..... ZPs
Zeitschrift für Psychotherapie und medizinische Psychologie... ZPst

BINET TESTS AND REVISIONS

See also: Mental tests for infants, nursery school and kindergarten children, pp. 6–12; performance tests, formboards and mazes, pp. 70–76; tests for children with sensory defects, pp. 32–33.

1. **Modification of the Binet and de Sanctis Tests,** by A. R. Abelson. Ref: Abelson, A. R. The measurement of mental ability of 'backward' children. BrJPs, 1911, 4, 268–314.

2. **The Binet-Terman Intelligence Scale (Polish Translation),** by S. Baley. Warsaw, Poland: Seminar of Educational Psychology, University of Warsaw, 1932.

3. **Revision of the Binet Test,** by A. P. Barreto. Ref: Barreto, A. P., and Campos, A. Revisao Pernambucana da escala Binet-Simon-Terman. Arch. d. Assist. a Psicopat. de Pernambuco, 1934, 4, 1–18.

4. **Modification of the Binet-Simon Scale, 1912,** by J. C. Bell. Ref: Decroly, O. J., and Buyse, R. L. La pratique des tests mentaux. Paris: Alcan, 1928, p. 49.

5. **Beograd Revision of the Binet-Simon Scale.** Ref: Stevanovic, B. P. The development of the child's intelligence and the Beograd revision of the Binet-Simon scale: summary of data and results. Bull. Acad. Lettr. Serbe, 1935, No. 1, 89–114.

6. **Binet-Simon Scale, 1905,** by A. Binet and T. Simon. Ref: Binet, A., and Simon, T. Mèthodes nouvelles pour le diagnostic du niveau intellectuel anormaux. AnPs, 1905, 11, 191–244, 245–366.

7. **Binet-Simon Scale, 1908,** by A. Binet and T. Simon. Ref: Binet, A., and Simon, T. Le developpement de l'intelligence chez les enfants. AnPs, 1908, 14, 9–94.

8. **Revision of the Binet-Simon Scale, 1911,** by A. Binet and T. Simon. Ref: Binet, A. Nouvelles recherches sur la mesure du niveau intellectuel chez les enfants d'écôle. AnPs, 1911, 17, 475–480.

9. **Revision of the Binet Test, 1911,** by O. Bobertag. For use with German children. Ref: Bobertag, O. Über Intelligenzprüfungen (nach der Methode von Binet und Simon). ZAngPs, 1911, 5, 105–203; 1912, 6, 495–538.

10. **Revision of the Binet Test, 1925,** by O. Bobertag. Ref: Norden, I. Eine Neubearbeitung der Binet Methode. ZKi, 1930, 37, 75–91.

11. **Abbreviation of the Yerkes-Bridges Point Scale,** by J. W. Bridges and E. A. Reedy. Ref: Bridges, J. W., and Reedy, E. A. A short point scale for mental measurement. JApPs, 1920, 4, 258–262.

12. **Binet Revision (London),** by C. Burt. Ref: Burt, C. Mental and scholastic tests. London: P. S. King and Son, 1921. Also: Burt, C. The subnormal mind. London: P. S. King and Son, Appendix.

13. **Revision of the Terman Stanford-Binet Scale (Brazil),** by A. Campos. Ref: Campos, A. Revisao da escala Binet-Simon-Terman. Arch. d. Assist. a Psicopat. de Pernambuco, 1932, 2, 84–87, 163–168. Also: Coutinho, C. Contribuicao a' revisao Pernambucana de escala de Binet-Simon-Terman (a contribution to the Pernambucan revision of the Binet-Simon-Terman Scale). Arch. d. Assist. a Psicopat. de Pernambuco, 1933, 3, 15–26.

14. **Chinese Adaptation of the Binet-Simon Test.** Ref: Ou-Ni-Lin, Mme. Les tests d'intelligence de Binet-Simon revisés et appliqués en Chine. RevScTrav, 1930, 2, 443–461.

15. **Chinese National Revision of the Binet Tests,** by Chih Wei Luh. Shanghai, China: Commercial Press, 1922, 1924.

16. **Second Revision of the Chinese Binet-Simon Scale,** by C. W. Luh and T. M. Wu. Shanghai: Commercial Press, 1936. Ref: Wu, T. M. On the second

revision of the Chinese Binet-Simon Scale. Shanghai: Commercial Press, 1936.

17. **Modification of the Binet-Simon Scale, 1911,** by F. Chotzen. Ref: Chotzen, F. Die Intelligenzprüfungsmethode von Binet-Simon bei schwachsinnigen Kindern. ZAngPs, 1912, 6, 411–494.

18. **Czechoslovakian Revision of the Binet-Simon Scale, 1911.** Ref: Board of Education. Psychological tests of educable capacity. London: H. M. Stationery Office, 1924.

19. **Adaptation of Binet-Simon Scale for Children Three to Seven Years of Age,** by O. J. Decroly and R. L. Buyse. Ref: Decroly, O. J., and Buyse, R. L. La pratique des tests mentaux. Paris: Alcan, 1928, 348–357.

20. **Modification of the Binet-Simon Scale,** by O. J. Decroly and J. Degand. 1906. Ref: Decroly, O. J., and Degand, J. Les tests de Binet et Simon pour la mesure de l'intelligence: contribution critique. ArPs(–f), 1906, 6, 27–130. Also: Decroly, O. J., and Degand, J. La mesure de l'intelligence chez des enfants normaux d'après les tests de Binet et Simon: nouvelle contribution critique. ArPs(–f), 1910, 9, 81–108.

21. **Extension of the Binet Scale,** by A. Descoeudres. Ref: Descoeudres, A. Exploration de quelques tests d'intelligence chez des enfants anormaux et arriérés. ArPs(–f), 1911, 11, 351–357.

22. **Brief Binet-Simon Scale,** by E. A. Doll. Ref: Doll, E. A. A brief Binet-Simon scale. PsCl, 1917, 11, 197–211, 254–261.

23. **Revision of the Binet Tests,** by M. Drummond. Ref: Binet, A., and Simon, T. Mentally defective children. (Translated by W. B. Drummond.) London: Arnold, 1914.

24. **Revision of the Binet Tests,** by B. Dumville. Ref: Dumville, B. A trial of Binet's tests on five year olds. JExPed, 1913, 2, 113–118.

25. **Dutch Translation of the Binet-Simon Tests,** by A. J. Schreuder, 1910. Ref: Schreuder, A. J. Some Dutch experiences with the Binet. Buffalo, N. Y.: Fourth International Congress of School Hygiene, 1913, 5, 690–692.

26. **Modification of the Binet-Simon Scale,** by M. Éltes. 1914. Ref: Decroly, O. J., and Buyse, R. L. La pratique des tests mentaux. Paris: Alcan, 1928, p. 49.

27. **Grey Revision of the Binet-Terman Intelligence Tests,** by E. Eybers. Bloemfontein, Union of South Africa, 1924, 1931.

28. **Spanish Revision of the Binet Test,** by E. Gaw. Ref: Gaw, E. Ohio State University, Columbus, Ohio.

29. **Revision of the Binet Tests,** by H. H. Goddard. Chicago: C. H. Stoelting Co., 1910. Ref: Goddard, H. H. A measuring scale for intelligence. TrSchB, 1910, 6, 146–155.

30. **Semi-Original Kindergarten Group Test Based on the Binet-Simon Test,** by M. B. Henry. Ref: Henry, M. B. Four years of standard tests and measurements. Santa Ana, Calif.: Santa Ana Public Schools, Department of Research Bulletin No. 3, 1921.

31. **Herring Revision of the Binet-Simon Tests,** by J. P. Herring. Yonkers, N. Y.: World Book Co., 1922. Ref: Herring, J. P. Herring revision of the Binet-Simon tests. JEdPs, 1924, 15, 172–179.

32. **Hindustani Binet-Performance Point Scale.** Verbal and non-verbal sections used to compare Brahmans, Moslems, Outcasts, and Christians in India. Ref: Rice, C. H. A Hindustani Binet performance point scale. Princeton, N. J.: Princeton University Press, 1929.

33. **Revision of Binet-Simon Tests for Intelligence Age,** by E. B. Huey. Ref: Huey, E. B. Backward and feebleminded children. Baltimore, Md.: Warwick and York, 1912.

34. **Modified Bobertag—Hylla Test,** by A. Huth. Ref: Huth, A. Ein Test heftverfahren mit qualitätiver Bewertung. ZPädPs, 1934, 35, 225–228.

35. **Adaptation of the Binet Scale,** by E. Hylla. Ref: Hylla, E. Testprüfungen der Intelligenz. Braunschweig, Germany: Georg Westermann, 1927, 289–300.

36. **Stanford-Binet Revision for Use in India.** Calcutta, India: Bureau of Education, Central Publication Branch, Pamphlet No. 15, 1924. Ref: Richey, J. A. Revised series of mental intelligence tests for Indian scholars. Calcutta, India: Bureau of Education, Pamphlet No. 28, 1930.

37. **Revision of the Binet Tests,** by G. A. Jaederholm. Ref: Jaederholm, G. A. Undersokningar over Intelligensmatningarnas. Teorie och Praxis. (2 volumes.) Stockholm: A. Boniner, 1914. Also: Decroly, O. J., and Buyse, R. L. La pratique des tests mentaux. Paris: Alcan, 1928, 43–49.

38. **Three New Psychometric Tests,** by R. H. Johnson and J. M. Gregg. An attempt to extend the Binet-Simon scale into adolescence. Ref: Johnson, R. H., and Gregg, J. M. Three new psychometric tests. PedSem, 1912, 19, 201–203.

39. **English Version of the Binet Scale,** by K. L. Johnston. Ref: Johnston, K. L. An English version of Binet's tests for the measurement of intelligence. Report of the British Association for the Advancement of Science, 1910, 80, 806–808. Also: Johnston, K. L. M. Binet's method for the measuring of intelligence. School World, 1910, 12, 391ff.

40. **A Revision of the Binet Scale for Indian Children,** by V. V. Kamat. Ref: Kamat, V. V. A revision of the Binet scale for Indian children. BrJPs, 1934, 4, 296–309.

41. **Adaptation of the Binet Series,** by T. Kehr. Ref: Kehr, T. Über eine vereinfachte Intelligenzprüfung. ZPädPs, 1915, 16, 49–55.

42. **Revised Binet-Simon Tests (Japanese),** by Y. Kubo. Ref: Kubo, Y. The revised and extended Binet-Simon tests applied to the Japanese children. JGenetPs, 1922, 29, 187–193. Also: Yenjiro, A. Angewandte Psychologie in Japan. PsteZ, 1927, 2, 29–33.

43. **Kuhlmann-Binet Test,** by F. Kuhlmann. 1911. Ref: Kuhlmann, F. Binet and Simon's system for measuring the intelligence of children. JPsAesth, 1911, 15, 76–92. Also: Kuhlmann, F. A revision of the Binet-Simon system for measuring the intelligence of children. JPsAesthMSup, 1912, No. 1.

44. **Kuhlmann-Binet Test,** by F. Kuhlmann. (1922 Revision.) Ref: Kuhlmann, F. A handbook of mental tests. Baltimore: Warwick and York, 1922.

45. **Modification of the Binet Scale of Intelligence for English Children,** by E. O. Lewis and Joint Committee for Mental Deficiency. Ref: Tredgold, A. F. Mental deficiency. London: Baillière, Tindall and Cox, 1929.

46. **Translation of the Binet Scale,** by O. Lipmann. 1908. Ref: Lipmann, O. Die Entwicklung der Intelligenz. ZAngPs, 1909, 2, 534–544.

47. **Zulu Translation of the Binet Scale,** by H. R. Loades and S. G. Rich. 1911. Ref: Loades, H. R., and Rich, S. G. Binet tests on South African natives—Zulus. PedSem, 1917, 24, 373–383.

48. **Testes de Binet-Simon,** by M. B. Lourenco Filho. Rio de Janeiro: Companhia Melhoramentos de São Paulo, 1930.

49. **Modification of the Binet-Simon Scale,** by J. L. McIntyre and A. L. Rogers. 1914. Ref: McIntyre, J. L., and Rogers, A. L. The measurement of intelligence in children by the Binet-Simon scale. BrJPs, 1914, 7, 265–299.

50. **Revision of the Binet Tests,** by N. J. Melville. Ref: Melville, N. J. Standardized method of testing juvenile mentality by the Binet-Simon scale. Philadelphia, Pa.: J. B. Lippincott Co., 1917.

51. **Modification of the Binet-Simon Scale,** by E. Meumann. Ref: Meumann, E. Vorlesungen zur Einführung in die experimentelle Pädagogik. Volume II. Leipzig: Engelmann, 1914, 2nd Edition.

52. **Revision of the Binet Tests**, by R. C. Moore. Ref: Moore, R. C. The application of the Binet-Simon scale to normal English children. JExPed, 1917, 4, 113–128.

53. **A New German Adaptation of the Binet Tests Originally Translated by Bobertag**, by I. Norden. Range: years 3–16. Ref: Norden, I. Binetarium. Berlin: Zentralinstitut für Erziehung und Unterricht und Albrecht Dürer Haus.

54. **Australian Revision and Extension of the Binet-Simon Scale**, by G. E. Phillips. Ref: Phillips, G. E. The measurement of general ability: an Australian revision and extension of the Binet-Simon scale. Sydney, New South Wales: Teachers College Press, 1924. Also: Whiteoak, L. J. An Australian revision of the Binet test. EdGaz, November, 1926.

55. **Revision of the Binet-Simon Measuring Scale for Intelligence**, by S. D. Porteus and H. F. Hill. Chicago: C. H. Stoelting Co., 1920.

56. **Norwegian Revision of the Binet-Simon Scale**, by M. L. Reymert and J. Lofthus. Oslo, Norway: Psychological Institute. Ref: Lofthus, J. Intelligensmaling. Oslo, Norway: Aschenong, 1931.

57. **Binet-Terman Scale (Russian)**, by E. V. Guryanov, A. Smirnov, M. Sokolov, and P. A. Shevarev. Ref: Moscow Central Pedological Laboratory, Rabotnik prosveshchenia. Binet-Terman Scale, 1930.

58. **Russian Revision of the Binet-Simon Scale**, by the Psychological Staff of the Leningrad Pedological Institute. Ref: Nikitenko, N. N. [Measuring scale of mental development—methods for individual testing of problem children.] Leningrad: GIZ, 1934.

59. **Spanish Translation of the Stanford-Binet Scale**, by A. Samonati. Ref: Enciclopedia de Educacion. Montevideo, Uruguay: Direccion de ensenanza primaria y normal, June, 1929.

60. **Modification of the Binet Tests**, by F. C. Shrubsall. Ref: Shrubsall, F. C. The examination of mentally defective children. SchHy, 1911, 2, 564–576, 609–619.

61. **Modification of the Binet-Simon Scale**, by A. C. Strong. 1913. Ref: Strong, A. C. 350 white and colored children measured by the Binet. Buffalo, N. Y.: 4th International Congress of School Hygiene, 1913. Also: Strong, A. C. White and colored children measured by the Binet-Simon measuring scale of intelligence. PedSem, 1913, 20, 485–513.

62. **Revision of the Binet-Simon Scale**, by L. M. Terman and H. G. Childs. Ref: Terman, L. M., and Childs, H. G. A tentative revision and extension of the Binet-Simon measuring scale of intelligence. JEdPs, 1912, 3, 61–74; 133–143; 198–208; 277–289.

63. **Stanford Revision of the Binet Scale**, by L. M. Terman and others. Boston: Houghton Mifflin Co., 1916.

64. **Revised Stanford-Binet Scales**, 1937, by L. M. Terman and M. A. Merrill (Forms L and M). Boston: Houghton Mifflin Co., 1937. Ref: Terman, L. M., and Merrill, M. A. Measuring intelligence. Boston: Houghton Mifflin Co., 1937.

65. **Translation of the Binet Scale**, by C. H. Town. Ref: Town, C. H. A method of measuring the development of the intelligence of young children. Chicago: Chicago Medical Book Co., 1913.

66. **Italian Revision of the Binet Scale**, by Z. Treves and F. U. Saffiotti. Ref: Treves, Z., and Saffiotti, F. U. La "Scala Metrica dell' Intelligenza" di Binet e Simon. Studiata nelle scuole communali elementari di Milano. Esposizione e Critica. Milan: Laboratorio civico di psicologia pura ed aplicada, 1911. Also: Saffiotti, F. U. La misura dell' intelligenza nei fanciulli. Rome: Societa Romana di Antropologia, 1916.

67. **Spanish Revision of the Binet-Simon Tests**, by Z. Treves and F. U. Saffiotti. Ref: Treves, Z., and Saffiotti, F. U. La escala metrica de la inteligencia de Binet y Simon. Buenos Aires: Boletin d. l. Instruction Publica, 1910.

68. **Tests of Javanese Children**, by A. Kits Van Heyningen. Stanford-Binet, Rorschach tests, tests of Albertyn, and tests of Engelhard. Ref: Van Heyningen, A. Kits. Westersche Intellectproeven en Primitieve Psyche. Zutphen: 1925.

69. **Revision of the Binet Scale**, by J. E. W. Wallin. Ref: Wallin, J. E. W. Practical guide for the administration of the Binet-Simon tests for measuring intelligence. PsCl, 1912, 5, 217–238.

70. **Classified Scale for Measuring Intelligence**, by C. W. Washburne. Based on the Binet scale. Ref: Washburne, C. W. A classified scale for measuring intelligence. JEdPs, 1919, 10, 309–322.

71. **Revision of the Binet-Simon Scale**, by F. Weigl. Ref: Decroly, O. J., and Buyse, R. L. La pratique des tests mentaux. Paris: Alcan, 1928, p. 18.

72. **Translation of the Binet Scale**, by G. M. Whipple. Ref: Whipple, G. M. Manual of mental and physical tests. Baltimore, Md.: Warwick and York, 1910.

73. **Revision of the Binet Tests**, by W. H. Winch. Ref: Winch, W. H. Binet's mental tests: what they are and what we can do with them. ChS, 1913, 6, 113–117; 1914–1915, 7 and 8.

74. **Binet and Simon Point Scales**, by R. M. Yerkes, J. W. Bridges, and R. S. Hardwick. Chicago: C. H. Stoelting Co., 1915. Ref: Yerkes, R. M., Bridges, J. W., and Hardwick, R. S. A point scale for measuring mental ability. Baltimore: Warwick and York, 1915.

75. **Binet and Simon Point Scales (Revised)**, by R. M. Yerkes and J. Foster. Chicago: C. H. Stoelting Co., 1923. Ref: Yerkes, R. M., and Foster, J. A point scale for measuring mental ability. Baltimore: Warwick and York, 1923.

The following references are incomplete:

76. **Turkish Translation of the Binet Scale.** Mentioned by Garrett, H. E. Great experiments in psychology. New York: D. Appleton-Century Co., 1930, p. 4.

77. **Translation of the Binet Scale Into Icelandic**, by Arason. Mentioned in MenHyB, 1930, 7.

MENTAL TESTS AND RATING SCALES FOR INFANTS, NURSERY SCHOOL AND KINDERGARTEN CHILDREN: BEHAVIOR AND DEVELOPMENT INVENTORIES

See also: Binet tests and revisions, pp. 1–5; Mental ability and scholastic aptitude tests for elementary school children, pp. 13–19; Performance tests, formboards and mazes, pp. 70–76; Psycho-motor tests and apparatus, pp. 77–82.

78. **Desirable Habits of the Child on Entering School**, by R. Andrus. Mimeographed form. Albany, N. Y.: R. Andrus, University of the State of New York.

79. **Object-Fitting Test for Young Children**, by R. E. Atkins. Chicago: C. H. Stoelting Co. Ref: Atkins, R. E. The measurement of the intelligence of young children by an object-fitting test. Minneapolis, Minn.: University of Minnesota Press, 1931.

80. **A Scale of Block Construction for Young Children**, by M. W. Bailey. Ref: Bailey, M. W. A scale of block construction for young children. ChDev, 1933, 4, 121–139.

81. **Detroit Kindergarten Test**, by H. J. Baker and H. J. Kaufmann. Range: entering kindergarten children. Yonkers, N. Y.: World Book Co., 1922.

82. **Tests for Pre-school Children**, by B. T. Baldwin and L. Stecher. Chicago: C. H. Stoelting Co., 1925. Ref: Baldwin, B. T., and Stecher, L. The psychology of the pre-school child. New York: D. Appleton-Century Co., 1924.

83. **Tests of Social and Aesthetic Traits**, by S. Baley, E. Rybicka, M. Derwiszowna, and W. Mentlikowna. Range: ages 4–6. Ref: Baley, S., Rybicka, E., Derwiszowna, M., and Mentlikowna, W. Research on ethics and aesthetics of children of pre-school age. Polish Archives of Psychology, Vol. 8, 1935–1936.

84. **Object Test [Speech Examination]**, by S. T. Barrows. Ref: Baldwin, B. T., and Stecher, L. The psychology of the pre-school child. New York: D. Appleton-Century Co., 1924.

85. **A Method of Rating Sociability in Young Children**, by A. Bowley. Ref: Bowley, A. A method of rating sociability in young children. JGenetPs, 1934, 45, 266–269.

86. **California Infant Scale of Motor Development**, by N. Bayley. Range: birth to four years. Ref: Bayley, N. The development of motor abilities during the first three years. Washington, D. C.: Society for Research in Child Development, National Research Council, Monograph No. 1, 1935.

87. **California First Year Mental Scale**, by N. Bayley. Range: age 1–12 months. Chicago: C. H. Stoelting Co., 1933. Ref: Bayley, N. The California first year mental scale. Berkeley, Calif.: University of California Syllabus Series, 1933, No. 243, p. 24. Also: Bayley, N. Mental growth during the first three years: a developmental study of sixty-one children by repeated tests. GenetPsM, 1933, 14, No. 1.

88. **Performance Tests for Young Children**, by N. Bayley. Ref: Bayley, N. Performance tests for three, four, and five year old children. PedSem, 1926, 33, 435–454. (Test III, Visual Memory, published by C. H. Stoelting Co., Chicago, Ill.)

89. **Number Knowledge Tested by Means of Cubes**, by H. Beckmann. Range: ages 2–6. Ref: Beckmann, H. Die Entwicklung der Zahlleistung bei 2–6 jahrigen Kindern. ZAngPs, 1923, 22, 1–72.

90. **Primary Addition and Subtraction Tests**, by H. Beckmann. Range: ages 2–6. Ref: Beckmann, H. Die Entwicklung der Zahlleistung bei 2–6 jahrigen Kindern. ZAngPs, 1923, 22, 1–72.

91. **Rhode Island Intelligence Test**, by G. E. Bird and C. E. Craig. Range: ages 3–6. Bloomington, Ill.: Public School Publishing Co., 1923. Ref: Bird, G. E. The Rhode Island intelligence test. JEdR, 1923, 8, 397–403.

92. **Psycho-motor Tests of Pre-school Children**, by D. J. Blackhurst. Iowa City: Unpublished master's thesis, University of Iowa, 1927.

93. **Child Behavior Rating Scale**, by S. Blanton and M. G. Blanton. Ref: Blanton, S. Use of behavior chart in pre-school and kindergarten clinics. AmJPsychiat, 1926, 5, 615, 623. Also: Blanton, S., and Blanton, M. G. Child guidance. New York: D. Appleton-Century Co., 1927.

94. **Picture Card Speech Test**, by H. Blattner. Ref: Baldwin, B. T., and Stecher, L. The psychology of the pre-school child. New York: D. Appleton-Century Co., 1924.

95. **Technique for Studying Play Activities**, by P. L. Boynton and F. A. Ford. Ref: Boynton, P. L., and Ford, F. A. Relationship between play and intelligence. JApPs, 1933, 17, 294–301.

96. **Technique for Studying Play Activities**, by C. W. Brackett. Ref: Brackett, C. W. Laughing and crying of pre-school children. JExEd, 1933, 2, 119–126.

97. **McGill Pre-school Character Rating Chart**, by K. M. B. Bridges. Ref: Bridges, K. M. B. A pre-school character rating chart. PsCl, 1928, 17, 61–72. Also: Bridges, K. M. B. Measuring emotionality in infants. ChDev, 1934, 5, 36–40.

98. **Tests of Mental Development of Children from 1–6 Years of Age**, by C. Buehler and H. Hetzer. Ref: (1) Buehler, C., and Hetzer, H. Kleinkinder-Tests. Entwicklungstests vom 1–6 Lebensjahr. Leipzig: J. A. Barth, 1932. (2) Buehler, C., and Hetzer, H. Testing children's development from birth to school age. New York: Farrar and Rinehart. (3) Hubbard, R. M. Study of the reliability and validity of the Bühler infant scale. PedSem, 1935, 47, 361–384.

99. **The Group B.-D. Test (Buyse-Decroly)**. Range: ages 4–7. Ref: (1) Le test B.-D. collectif. ArchBelgesSciEduc, 1935, 1, 36–43. (2) Segers, J. E. Essai d'application du test B.-D. collectif. JNeuPsychiat, 1931, 31, 168–174. (3) Laboratoire de psycho-pedagogie du Dr. Decroly. Nouvelle revision de test B.-D. collectif. ArchBelgesSciEduc, 1936, 1, 36ff., 315–321.

100. **Kindergarten Rating Scale**, by C. F. Chassell. Ref: Chassell, C. F. The Army scale for the kindergarten. JEdPs, 1924, 15, 43–52.

101. **California Behavior Inventory for Nursery School Children**, by H. S. Conrad. Ref: (1) University of California Press, Syllabus Series, No. 244, 1933; (2) Conrad, H. S. The validity of personality ratings of pre-school children. JEdPs, 1932, 23, 671–680. (3) PsBul, 1932, 29, 653–654.

102. **Motor Tests**, by B. V. Cunningham. Range: one and two years. Ref: Cunningham, B. V. An experiment in measuring the gross motor ability of infants and young children. JEdPs, 1927, 18, 458–464.

103. **Scale of Language Tests**, by B. V. Cunningham. Ref: 28th YrbkNaSocSEd [Pre-school and Parental Education], 1929, 14, 535.

104. **Scale for Rating the Child's Cooperation during a Test**, by K. S. Cunningham. Ref: Cunningham, K. S. The measurement of early levels of intelligence. TCConEd, 1927, No. 259.

105. **Tests of Young Children**, by K. S. Cunningham. Ref: Cunningham, K. S. The measurement of early levels of intelligence. TCConEd, 1927, No. 259.

106. **Test for the Measurement of Sharing**, by R. E. Currier. Ref: Currier, R. E. An experimental study of sharing behavior in pre-school children. Los Angeles, Calif.: University of Southern California, School of Philosophy.

107. **Test of School Readiness**, by L. Danzinger. Ref: Danzinger, L. Bildermaterial zum Schulreifetest. Leipzig: Deutscher Verlag für Jugend und Volk, 1932.

Also: Danzinger, L. Der Schulreifetest mit einer Untersuchung über die Ursachen des Versagens im Erstenschuljahr. Leipzig: Deutscher Verlag für Jugend und Volk, 1933.

108. **Developmental Scale**, by A. Descoeudres. Ref: Descoeudres, A. Le développement de l'enfant de deux à sept ans. Neuchâtel and Paris: Delachaux et Niestlé, 1921.

109. **Language Tests for School Children**, by A. Descoeudres and E. Monastier. Ref: Monastier, E. Intermediaire des Educateurs, Genève, April, 1920. Also: Descoeudres, A. Le développement de l'enfant de deux à sept ans. Neuchatel and Paris: Delachaux et Niestlé, 1921.

110. **Method of Studying the Character Traits of the Pre-school Child**, by M. Etziony. Ref: Etziony, M. Method of studying the character traits of the pre-school child. JGenetPs, 1933, 42, 184–205.

111. **Blanton Child Rating Scale**, revised, by N. Fenton. Ref: Fenton, N. The only child. JGenetPs, 1928, 35, 546–555.

112. **Outline of the Development of the Child up to One Year of Age**, by F. M. Figurin and M. P. Denisova. Ref: Figurin, F. M., and Denisova, M. P. [Short diagnostic outline of the development of the child up to one year of age.] (Russian.) Reflexological and Neurophysiological News, 1926, 2, 282–308.

113. **Iowa Tests for Young Children**, by E. A. Fillmore. Range: ages four months to two years. Ref: Fillmore, E. A. Iowa tests for young children. UnivIowaSChWelf, 1936, 11, No. 4. Appendices A to D.

114. **Tests of Speed in Motor Functions**, by A. I. Gates and A. W. Scott. Ref: Gates, A. I., and Scott, A. W. Characteristics and relations of motor speed and dexterity among young children. JGenetPs, 1931, 39, 423–454.

115. **Pre-school Child Development Tests**, by A. Gesell. Chicago: C. H. Stoelting Co., 1926. Ref: Gesell, A. The mental growth of the pre-school child. New York: Macmillan Co., 1925. Also: Gesell, A., and Thompson, H. The psychology of early growth. New York: Macmillan, 1938.

116. **Psychotechnical Investigation of Infants**, by E. J. Gindes. Ref: Gindes, E. J. (Psychotechnical investigation of infants.) Sovetsk. Pedist., 1935, 7, 124–133.

117. **Rating Scale of the Behavior of Very Young Children During Tests**, by F. L. Goodenough. Ref: Goodenough, F. L. The emotional behavior of young children during mental tests. JDel, 1929, 13, 204–219.

118. **Block Building Rating Scale**, by F. M. Guanella. Ref: Guanella, F. M. Block building activities of young children. ArPs, 1934, No. 174.

119. **Mental Tests for Pre-School Children**, by D. K. Hallowell. Ref: Hallowell, D. K. Mental tests for pre-school children. Philadelphia, Pa.: University of Pennsylvania, 1928.

120. **Tests of Motor Ability**, by O. E. Hertzberg. Ref: Hertzberg, O. E. The relationship of motor ability to the intelligence of kindergarten children. JEdPs, 1929, 20, 507–519.

121. **Series of Tests for the Second Year of Life**, by H. Hetzer and L. Koller. Ref: Hetzer, H., and Koller, L. Vier Testreihen für das zweite Lebensjahr. ZPs, 1930, 117, 257–306.

122. **Baby Tests**, by H. Hetzer and K. Wolf. Ref: Hetzer, H., and Wolf, K. Babytests. ZPs, 1928, 107, 62–104.

123. **Hildreth Animal Puzzle**, by G. H. Hildreth. Range: kindergarten and primary grades. New York: Psychological Corporation, 1937.

124. **Scale for Developmental Sequences in Name Writing**, by G. H. Hildreth. Ref: Hildreth, G. H. Developmental sequences in name writing. ChDev, 1936, 4, 291–303.

125. **Learning Levels of the Children in the Nursery School: The Eating Situation,** by A. B. Hill and D. Van Alstyne. New York: Bureau of Publications, Teachers College, Columbia University.

126. **Comprehension of Some Sizes, Shapes and Positions by Young Children,** by T. C. Holmes. Ref: Holmes, T. C. Comprehension of some sizes, shapes and positions by young children. ChDev, 1932, 3, 269–273.

127. **Chinese Revision of the Merrill-Palmer Scale,** by H. H. Hsiao. Shanghai: Commercial Press, 1937.

128. **Tests for Mental Development of Infants,** by K. Iwai and M. Kato. Ref: Iwai, K., and Kato, M. (Studies on baby-tests. I. A. test scale for babies six to twelve months of age) Kobe Jido Sodanjo Kiyo, 1935, No. 11, pp. 62.

129. **California Pre-School Mental Scale, Form X,** by A. S. Jaffa. Berkeley, Calif.: University of California Press, 1934.

130. **Motor Achievements of Children Five, Six and Seven Years of Age,** by L. M. Jenkins. Ref: Jenkins, L. M. A comparative study of motor achievements of children five, six and seven years of age. TCConEd, 1930, No. 414.

131. **Behavior Maturity Rating Scale for Nursery School Children,** by W. Joël and J. Joël. Published by W. Joël, 3215 West 18th Street, Los Angeles, Calif., 1935. Ref: Joël, W. Behavior maturity of children of nursery school age. ChDev, 1936, 7, 189–199.

132. **Mental Tests for Young Children,** by H. E. Jones. Ref: Jones, H. E. Mental tests of young children. New Era, 1931, 12, 164–166.

133. **Tests of Early Behavior Patterns in Young Children,** by M. C. Jones. Ref: Jones, M. C. The development of early behavior patterns in young children. PedSem, 1926, 33, 537–585.

134. **Tests of Motor Control in Pre-School Children,** by E. Krasnopolsky. Adaptation of tests of Dernova developed at the Institute Bechterev. Ref: Krasnopolsky, E. La question de l'investigation des mouvements simples, indispensable dans la vie chez les enfants de l'âge préscolaire (en ukrainien). Revue Ukrainienne de pedagogie expérimentale et de reflexologie, 1927, 1, 147–158.

135. **Technique for Studying Play Activities,** by D. M. Levy. Ref: Levy, D. M. Use of play technic as an experimental procedure. AmJOrth, 1933, 3, 266–277.

136. **Mental Tests for the First Year Level,** by H. E. Linfert and H. M. Hierholzer. Ref: Linfert, H. E., and Hierholzer, H. M. A scale for measuring the mental development of infants during the first year of life. Baltimore: Williams and Wilkins Co., Studies in Psychology and Psychiatry, 1928, 1, No. 4.

137. **Tests of Ingenuity in Young Children,** by O. Lipmann. Ref: Lipmann, O. Über Begriff und Erforschung der natürlichen Intelligenz. ZAngPs, 1918, 13, 192–201.

138. **Analytical Scale of Language Achievement,** by N. F. Little and H. M. Williams. UnivIowaSChWelf, 1937, 13, No. 2, 47–78, 88–94.

139. **A Measuring Scale of Children's Intellect at the Preschool Age,** by A. A. Lublinskaja and A. J. Makarowa. Ref: Lublinskaja, A. A., and Makarowa, A. J. [A measuring scale of children's intellect at the preschool age.] Leningrad: Seyatel, 1926.

140. **Blank for the Observation of Young Children,** by E. M. Manwell and I. G. Mengert. Ref: Manwell, E. M., and Mengert, I. G. A study of the development of 2 and 3 year old children with respect to play activities. UnivIowaSChWelf, 1934, 9, 69–111.

141. **Tests of Compliance and Social Resistance,** by L. R. Marston. Range: young children. Ref: Marston, L. R. The emotions of young children. UnivIowaSChWelf, 1925, 3, No. 3, 1–99.

142. **Speech Tests**, by D. McCarthy. Ref: McCarthy, D. The language development of the pre-school child. Minneapolis, Minn.: University of Minnesota Press, 1930.

143. **Merrill-Palmer Scale of Mental Tests**, by R. Stutsman. Chicago: C. H. Stoelting Co., 1926. Ref: Stutsman, R. Mental measurement of preschool children. Yonkers, N. Y.: World Book Co., 1930. Also: Stutsman, R. Performance tests for children of preschool age. GenetPsM, 1926, I, No. 1.

144. **Merrill-Palmer Personality Rating Scale**, by the Staff of the Merrill-Palmer School. Range: preschool children. Detroit, Mich.: Merrill-Palmer School.

145. **Minnesota Preschool Scale**, by F. L. Goodenough, J. C. Foster and M. J. Van Wagenen. Range: 18 months to 6 years. Minneapolis, Minn.: Educational Test Bureau, 1932.

146. **Montessori's Cylinder Test**, by M. Montessori. Chicago: C. H. Stoelting Co. Ref: Baldwin, B. T., and Stecher, L. I. Psychology of the pre-school child. New York: D. Appleton-Century Co., 1924, 83–86.

147. **Scale for Rating the Personalities of Babies**, by T. V. Moore. Ref: Bonham, M. A., and Sargent, M. A study of the development of personality traits in children 24–30 months of age. Washington, D. C.: M. A. Thesis, Catholic University of America, 1928.

148. **Rating Scale for Sympathy and Related Behavior**, by L. B. Murphy. Ref: Murphy, L. B. Social behavior and child psychology. New York: Columbia University Press, 1937, Appendix.

149. **Outline of Examination of Children during the Neonatal, Infancy and Preschool Ages, by F. L. Patry.** Ref: Patry, F. L. A neuropsychiatric contribution to a suggested outline of examination of children during the neonatal, infancy and preschool ages. Medical Times and Long Island Medical Journal, 1932, 60, 72–74.

150. **Tests of Higher Mental Processes in Children**, by J. Peiser. Ref: Peiser, J. Prüfungen höherer Gehirnfunktionen bei Kleinkindern. JKh, 1920, 91, 182–200.

151. **Tests of School Pupils for Ages Five to Seven**, by K. Penning. Ref: Penning, K. Vom "Intelligenzalter" zum "Entwicklungsalter." ZPädPs, 1927, 28, 36–43.

152. **Randall's Island Performance Series**, by L. Poull, A. S. Bristol, H. B. King, and L. B. Peatman. Range: ages 2–4. New York: Columbia University Press, 1931.

153. **A General Information Test for Kindergarten Children**, by C. A. Probst. Ref: Probst, C. A. A general information test for kindergarten children. ChDev, 1931, 2, 81–95.

154. **School Readiness Test**, by M. Remy. Ref: Remy, M. Feuille d'examen pour les écoles maternelles. Les courses preparatoires et elementaires. BuSocBinet, February–March, 1926.

155. **Behavior Rating Scale**, by E. Robinson. Ref: Robinson, E. Interrelationships of measures of emotions. Berkeley, Calif.: Institute of Child Welfare, University of California, 1933.

156. **Cleveland Kindergarten Classification Test**, by H. D. Rockwell, G. C. Hawkins, and W. L. Connor. Bloomington, Ill.: Public School Publishing Co., 1932.

157. **Non-Verbal Perception Scale**, by J. G. Rockwell. Range: kindergarten and first grade. Minneapolis, Minn.: Educational Test Bureau, 1932.

158. **Tentative Inventory of Habits of Children Two Years Old**, by A. L. Rogers. New York: Bureau of Publications, Teachers College, Columbia University, 1928. (Out of print.)

159. **Inventory of Habits of Five and Six Year Old Children**, by A. L. Rogers. New York: Bureau of Publications, Teachers College, Columbia University, 1922. (Out of print.)

160. **Picture Tests for Nursery School Ages,** by G. Rossolimo. Ref: Johnson, B., and Schriefer, L. A comparison of mental age scores obtained by performance tests and the Stanford Revision of the Binet-Simon scale. JEdPs, 1922, 13, 408–417.

161. **Adaptation of Wreschner's Tests for Preschool Children,** by J. Ruediger. Ref: Ruediger, J. Testreihe zur Untersuchung der Intelligenz fünf bis sechsjahriger Kinder. ArGsPs, 1934, 90, 167–186.

162. **Attention Tests of Preschool Children,** by H. S. Shacter. Ref: Shacter, H. S. A method of measuring the sustained attention of preschool children. JGenetPs, 1933, 42, 339–371.

163. **Tests of Mental Level and Steps of Development,** by G. Schwab. Ref: Schwab, G. Prüfung des psychischen Zustandes und Entwicklungsganges im Kindesalter bis zum dritten Lebensjahr. JKh, 1924, 107, 86–98.

164. **Measuring Singing and Rhythmic Development of Preschool Children,** by S. Seltzer. Detroit, Mich.: Merrill-Palmer School, 1936. Ref: Seltzer, S. Measure of the singing and rhythmic development of preschool children. JEdPs, September, 1936, 27, 417–424.

165. **Sensorimotor Tests of Infants,** by M. Sherman and I. C. Sherman. Ref: Sherman, M., and Sherman, I. C. Sensorimotor responses in infants. JComPs, 1925, 5, 53–68. Also: ComPsM, Vol. 12, No. 4, 1936.

166. **Infant Study Psychological Tests,** by M. M. Shirley. Ref: Shirley, M. M. The first two years. Minneapolis: University of Minnesota Press, 1931–33.

167. **Questionnaire for Observation of Children from Birth to Two Years of Age,** by T. Simon. Ref: Simon, T. Les deux premieres années de l'enfant. BuSocEtPsEnf, 1916, 16, No. 108, 1–64. Translated by Reymert, M. L. Questionnaire for the observation of a young child from birth to two years of age. PedSem, 1920, 27, 200–204.

168. **A Motor Scale for Young Children,** by M. S. Skeel. Range: ages 2–5. Cleveland, Ohio: M. S. Skeel, Western Reserve University. Ref: Skeel, M. S. A motor scale for young children. PsBul, 1933, 30, 682.

169. **Skeels Form Boards for Preschool Children,** by H. M. Skeels. Range: ages two and three. Chicago: C. H. Stoelting Co. Ref: Skeels, H. M. UnivIowaSChWelf, VII, No. 2, New Series No. 249, 1933.

170. **Preschool Children's Tests,** by H. M. Skeels. Ref: Skeels, H. M. A study of some factors in form board accomplishments of preschool children. UnivIowaSPs, New Series 249, Vol. VII, No. 2, 1933.

171. **Techniques for Studying Play Activities,** by M. Smith. Ref: Smith, M. A method of analysing the interactions of children. JJuvRes, 1933, 17, 78–88.

172. **Smith Vocabulary Test,** by M. E. Smith. Ref: Smith, M. E. An investigation of the development of the sentence and the extent of vocabulary in young children. UnivIowaSChWelf, 1926, No. 5, 32–35. Also: Williams, H. M., and McFarland, M. L. A revision of the Smith vocabulary test for preschool children. UnivIowaSChWelf, 1937, 13, No. 2, 33–46, 79–87.

173. **Rating of Personality Traits in a Mental Test Situation,** by R. Stutsman. Ref: Stutsman, R. Mental measurement of preschool children. Yonkers, N. Y.: World Book Co., 1931, p. 260.

174. **Techniques for Studying Play Activities,** by D. S. Thomas, A. M. Loomis, and R. E. Arrington. Ref: Thomas, D. S., Loomis, A. M., and Arrington, R. E. Observational studies of social behavior. Vol. 1, Social Behavior Patterns. New Haven, Conn.: Institute of Human Relations, Yale University, 1933.

175. **Town Picture Game,** by C. H. Town. Buffalo, N. Y.: C. H. Town, 175 College St. Also, Chicago: C. H. Stoelting Co. Ref: Town, C. H. A mass mental test for use with kindergarten and first grade children. JApPs, 1922, 6, 89–112.

176. **Van Alstyne Picture Vocabulary Test for Preschool Children,** by D. Van Alstyne. Bloomington, Ill.: Public School Publishing Co., 1929.

177. **Articulation Test for Young Children,** by C. F. Voegelin and S. Adams. Chicago: C. H. Stoelting Co. Ref: Voegelin, C. F., and Adams, S. A phonetic study of young children's speech. JExEd, 1934, 3, 107–115.

178. **Tests of Constructive Ability of Young Children,** by L. C. Wagoner. Ref: Wagoner, L. C. The constructive ability of young children. UnivIowaSChWelf, 1925, 3, No. 2.

179. **Wallin's Peg Boards,** by J. E. W. Wallin. Chicago: C. H. Stoelting Co. Ref: Wallin, J. E. W. The peg form boards. PsCl, 1918, 12, 40–53. Also: Stutsman, R. Mental measurement of preschool children. Yonkers, N. Y.: World Book Co., 37–38, 206–208.

180. **A Clinical Method of Recording the Social Behavior of Young Children,** by R. W. Washburn and J. R. Hilgard. Ref: Washburn, R. W., and Hilgard, J. R. A quantitative clinical method of recording the social behavior of young children. JGenetPs, 1934, 45, 390–405.

181. **Motor Achievement Tests of Preschool Children,** by B. L. Wellman. Ref: Wellman, B. L. Motor achievement tests of preschool children. ChEd, 1937, 13, 311–316.

182. **Wellman Tracing Path Test for Nursery School Children,** by B. L. Wellman. Chicago: C. H. Stoelting Co., 1926. Ref: Wellman, B. The development of motor coordination in young children: An experimental study in the control of hand and arm movements. UnivIowaSChWelf, 1926, 3, No. 4.

183. **Articulation Tests for Young Children,** by R. West. Chicago: C. H. Stoelting Co. Ref: West, R. Disorders of speech and voice. (Mimeographed.) Madison, Wis.: College Typing Co., 1933, p. 136ff. Also, West R. Diagnosis of disorders of speech. Chicago: C. H. Stoelting Co.

184. **Revised Form of the Heilbronner Test for Preschool Children,** by R. S. White. Ref: White, R. S. The Heilbronner test for preschool children. ChDev, 1930, 1, 52–55.

185. **Bead Stringing Test,** by H. K. Wolfe. Ref: Blacking, E. Standardization of a bead stringing test. PedSem, 1927, 34, 620–633.

186. **Performance Tests for Three-, Four- and Five-Year-Old Children,** by H. T. Woolley and E. Cleveland. Ref: Woolley, H. T., and Cleveland, E. Personality studies of three-, four- and five-year-old children. JExPs, 1923, 6, 58–68.

See also addenda, Tests 4207, 4221, 4227, 4233, 4239.

The following items are out of print, not generally available or of historical importance only.

187. **Andrus Inventory of the Habits of Children from Two to Four Years of Age,** by R. Andrus. New York: Bureau of Publications, Teachers College, Columbia University, 1928. (Out of print.)

188. **First Grade Entrance Test,** by the Department of Research. Akron, Ohio: Department of Research, Public Schools. (Not available.)

189. **Intelligence Test,** by S. E. Chaille. Ref: Chaille, S. E. Infants, their chronological progress. New Orleans Medical and Surgical Journal, 1887, 14.

190. **Scale for Judging Kindergarten Drawing,** by Kindergarten Teachers in Richmond, Indiana. Richmond, Ind.: Board of Education. (Not available.)

191. **Sweeny, Hejinian and Sholley Scale for Rating Activity in Preschool Children.** Ref: Mentioned by Koch, H. L., and Streit, H. A study in rating technique with special reference to activity in preschool children. JGenetPs, 1932, 41, 330–357.

192. **Park-Franzen Primary Readiness Test,** by B. Park and R. H. Franzen. New York: American Child Health Association. (Not available.)

MENTAL ABILITY AND SCHOLASTIC APTITUDE TESTS FOR ELEMENTARY SCHOOL CHILDREN

Ages Approximately 6–14

See also: Binet Tests, pp. 1–5; Performance Tests, pp. 70–76; Mental Ability, General and Unclassified, pp. 34–40; Preschool Tests and Rating Scales, pp. 6–12.

A number of the following items contain materials of high school level.

193. **Chelsea Mental Tests,** by P. B. Ballard. Range: ages 11–14. Ref: Ballard, P. B. Group tests of intelligence. London: Hodder and Stoughton, 1923.

194. **Columbian Mental Tests,** by P. B. Ballard. Range: ages 10–14. Ref: Ballard, P. B. Group tests of intelligence. London: Hodder and Stoughton, 1923.

195. **Group Intelligence Test,** by A. Batica. Range: beginning school–third grade. Manila, Philippine Islands: Oriental Commercial Co., 1928.

196. **Tests for the Selection of Gifted Children,** by O. Bobertag and E. Hylla. Ref: Bobertag, O., and Hylla, E. Begabungsprüfung für den Übergang von der Grundschule zu weiterführenden Schulen. Langensalza: Beltz, 1925.

197. **Scale Used for Younger Children,** by B. M. Boody. Ref: Boody, B. M. A psychological study of immigrant children at Ellis Island. Mental Measurements Monograph, 1926, No. 3.

198. **Intelligence Tests of Eleven Year Old Children,** by E. J. G. Bradford. Ref: Bradford, E. J. G. A psychological analysis of school grading. JExPed, 1913–1914, 2, 431–440.

199. **Test Series,** by J. Burkersrode. Ref: Burkersrode, J. Anweisung zu dem Testheft für die Teststellung der Gutbegabten des 4. Schuljahres. PdPsArb, 1933, 20, Part 2.

200. **Tests of Intelligence,** by C. Burt. Ref: Burt, C. Experimental tests of general intelligence. BrJPs, 1909, 3, 94–177.

201. **Intelligence Tests,** by C. Burt. Ref: Burt, C. Mental and scholastic tests. London: P. S. King and Son, 1921, 221–256.

202. **Northumberland Standardized Intelligence Tests, III,** by C. Burt. London: University of London Press, 1925.

203. **Test with Non-Verbal Responses,** by R. L. Buyse. [Test graphique.] Ref: Decroly, O. J., and Buyse, R. L. La pratique des tests mentaux. Paris: Alcan, 1928, 376–385.

204. **Cape Province Individual Intelligence Scale for Afrikaans-speaking Children,** by R. F. A. Hoernlé and H. P. Cruse. Obtainable in Afrikaans and English. Cape Town, Union of South Africa: Cape Department of Education, 1929.

205. **Group Intelligence Scales,** by R. B. Cattell. Scales 1–3, ages 8–adult. London: G. G. Harrap and Co., 1930.

206. **Cattell Intelligence Test (Individual Scale O—Dartington),** by R. B. Cattell and H. Bristol. Range: ages 4–8. London: G. G. Harrap and Co., 1933. Ref: Cattell, R. B., and Bristol, H. Intelligence tests for mental ages 4–8 years. BrJEdPs, 1933, 3, 142–169.

207. **Cattell Intelligence Test, Scale I,** by R. B. Cattell. Range: ages 8–11. London: G. G. Harrap and Co. Ref: Cattell, R. B. A guide to mental testing. University of London Press, 1936.

208. **Cattell Intelligence Test, Scale II,** by R. B. Cattell. Range: ages 11–15. London: G. G. Harrap and Co. Ref: Cattell, R. B. A guide to mental testing. University of London Press, 1936.

209. **Cole-Vincent Primary Group Intelligence Test for School Entrants,** by L. W. Cole and L. E. Vincent. Range: kindergarten and first grade. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College, 1924.

210. **Dawson Mental Test,** by S. Dawson. Range: ages 11–12. London: George G. Harrap Co., 1936.

211. **Dearborn Group Tests of Intelligence,** by W. F. Dearborn. Range: Series I, grades 1–3; Series II, grades 4–10. Philadelphia: J. B. Lippincott Co., 1920. Also, Minneapolis: Educational Test Bureau.

212. **Belgian Adaptation of Ballard's Tests,** by O. J. Decroly. Ref: Decroly, O. J. Essai d'application du tests de Ballard dans les écoles belges. AnPs, 1926, 27, 57–93.

213. **Non-Language Tests,** by O. J. Decroly. Non-language group test (le test collectif non-verbal "effets-causes"); puzzle boxes; picture classification (test des images à classer de Decroly). Ref: Decroly, O. J. Les méthodes non-verbaux d'examen mental. AnPs, 1923, 24, 70–82.

214. **Detroit First Grade Intelligence Test,** by A. M. Engel. Kindergarten and first grade. Yonkers, N. Y.: World Book Co., 1921.

215. **Detroit Beginning First-Grade Intelligence Test (Revised),** by A. M. Engel and H. J. Baker. Yonkers, N. Y.: World Book Co., 1937.

216. **Detroit Advanced First-Grade Intelligence Test,** by H. J. Baker. Range: grade 1 or low 2. Yonkers, N. Y.: World Book Co., 1928.

217. **Detroit Alpha Intelligence Test,** by H. J. Baker. Range: grades 5–9. Bloomington, Ill.: Public School Publishing Co., 1924.

218. **Detroit Primary Intelligence Test,** by H. J. Baker. Range: grades 2–4. Bloomington, Ill.: Public School Publishing Co., 1924.

219. **Maturity Scale (Mixed performance and verbal),** by E. Dewey, E. Child, and B. Ruml. Ref: Dewey, E., Child, E., and Ruml, B. Methods and results of testing school children. New York: E. P. Dutton and Co., 1920.

220. **Tests for Selection of Nine Year Old School Children,** by W. O. Döring. Ref: Döring, W. O. Schülerauslese und psychische Berufsberatung an Lübecker Schulen. Lübeck, Germany: Ch. Coleman, 1924.

221. **Ten Tests for the Examination of Gifted Thirteen Year Olds,** by W. O. Döring. Ref: Stern, W., and Wiegmann, O. Methodensammlung zur Intelligenzprüfung von Kindern und Jugendlichen. Leipzig: J. A. Barth, 1926, p. 492.

222. **Tests for Mental Capacities of School Children,** by H. B. English, assisted by McDougall, W. Ref: English, H. B. Experimental study of mental capacities of school children correlated with social status. PsRM, 1917, 23, 266–331.

223. **Non-Verbal Intelligence Test,** by S. I. Fedorov. Range: ages 6–14. Ref: Fedorov, S. I. The non-verbal method of investigating children's intelligence. Met. Izuch. Reb., 1935, 139–152.

224. **Tests of Intelligence,** by M. Foucault. Ref: Foucault, M. Les mesures psychologiques chez les écoliers. ArPh, 1927, 5, 23–45.

225. **Tests of Ability,** by A. Franken. Ref: Franken, A. Taylorisierte Prüfungsteste für die unteren Klassen der Mittelschule. Halle, Germany: Schroedel, 1923.

226. **Mental and Educational Tests,** by A. L. Gesell. Ref: Gesell, A. L. Exceptional children and public school policy. New Haven, Conn.: Yale University Press, 1921.

227. **Mental Tests for the Study of Individual Children,** by M. P. E. Groszmann. Mental tests for four periods—primary, elementary, intermediate and advanced. Ref: Groszmann, M. P. E. The study of individual children. Plainfield, N. J.: National Association for the Study and Education of Exceptional Children, 1921.

228. **Group Test of Intelligence for Primary School Children (Arabic)**, by I. El-Kabbani. Cairo, Egypt: Lagnat Attalif Wattergama Wannashr, 1932.

229. **Haggerty Intelligence Examination**, by M. E. Haggerty. Range: Delta I, grades 1–3; Delta II, grades 3–9. Yonkers, N. Y.: World Book Co., 1920.

230. **Alertness Tests**, by T. H. Haines. Range: Form A, Literate; Form X, Illiterate. An adaptation of the Army Alpha Test for use in schools. Chicago: C. H. Stoelting Co., 1924.

231. **Test Series for Selection of Gifted Children Thirteen and Fourteen Years of Age**, by the Hamburg Psychology Laboratory. 1923–1925. Ref: Stern, W., and Wiegmann, O. Methodensammlung zur Intelligenzprüfung von Kindern und Jugendlichen. Leipzig: J. A. Barth, 1926, p. 492.

232. **Henmon-Nelson Test of Mental Ability**, by V. A. C. Henmon and M. J. Nelson. Range: grades 3–8. Boston: Houghton Mifflin Co., 1932, 1936.

233. **Tests for the Selection of Gifted Pupils in Hanover**, by W. Hische. Ref: Hische, W. Die Auslese der Begabten in Hanover. PrakPs, 1921, 2, 129–142. Also: Stern, W., and Wiegmann, O. Methodensammlung zur Intelligenzprüfung von Kindern und Jugendlichen. Leipzig: J. A. Barth, 1926, p. 492.

234. **Series of Tests for Selection of Pupils for Higher Classes**, by P. Hoffman. Ref: Stern, W., and Wiegmann, O. Methodensammlung zur Intelligenzprüfung von Kindern und Jugendlichen. Leipzig: J. A. Barth, 1926, p. 485.

235. **Test Series for Five to Eight Year Olds**, by A. Huth. Ref: Stern, W., and Wiegmann, O. Methodensammlung zur Intelligenzprüfung von Kindern und Jugendlichen. Leipzig: J. A. Barth, 1926, p. 480.

236. **Illinois General Intelligence Scale**, by B. R. Buckingham; revised by G. M. Whipple and H. D. Whipple. Range: grades 3–8. Bloomington, Ill.: Public School Publishing Co., 1919, 1926.

237. **Mental Survey Tests—Primer Scale**, by Department of Psychology, Indiana University. Range: grades 1–3; ages 6–8. Bloomington, Ind.: Department of Psychology, Indiana University.

238. **Tests for Selection of Gifted Children, Age Thirteen to Fourteen**, by Institut des Leipsiger Lehrervereins. Ref: Institut des Leipziger Lehrervereins. Anweisungen für die psychologische Auswahl der jugendlichen Begabten. PdPsArb, 1921, 9.

239. **Tests for Selection of School Children**, by Institute of Pedagogical Psychology, University of Warsaw. Three sets of tests for pupils 10, 14, and 18 years of age. Warsaw, Poland: Institute of Pedagogical Psychology, University of Warsaw.

240. **Non-Verbal Intelligence Examination for Primary Pupils**, by O. J. Johnson. Ref: Johnson, O. J. Group intelligence examination for primary pupils. JApPs, 1922, 6, 403–416.

241. **Individual Tests of School Children**, by E. A. Kirkpatrick. Ref: Kirkpatrick, E. A. Individual tests of school children. PsR, 1900, 7, 274–280.

242. **Tests for Pupil Aptitude in the First School Year**, by H. Klüver. Ref: Klüver, H. Begabungsdifferenzierung in ersten Schuljahr. ZPädPs, 1923, 7–8, 215–219.

243. **Intelligence Tests of Twelve and Thirteen Year Old Children**, by A. Kohn-Schächter. Ref: Kohn-Schächter, A. Neue Methoden für die Bearbeitung und Auswertung von Intelligenz Tests. Hamburg, Germany: Dissertation, University of Hamburg, 1924.

244. **Tests for the Selection of Children for the "Hilfschule,"** by R. Kretzschmar. Ref: Kretzschmar, R. Prüfungsverfahren für die Aufnahme in die Hilfschule. PdPsArb, 1924, 13, 122–131.

245. **Selection of Gifted Twelve Year Olds**, by J. Krug and O. Pommer. Ref: Krug, J., and Pommer, O. Eine Testsystem zur Ermittlung sprachlichbegabter Schüler. ZPädPs, 1924, 25, 362–373.

246. **Japanese National Intelligence Tests**, by Y. Kubo. Jidokenkyujo, 1922.

247. **Intelligence Test of Children of Elementary Schools (Japanese)**, by Y. Kubo. Jidokenkyujo, 1918, 1919.

248. **Kuhlmann-Anderson Intelligence Tests**, by F. Kuhlmann and R. G. Anderson. Range: ages six to maturity, grades 1–12. Minneapolis, Minn.: Educational Test Bureau, 1927.

249. **Tests of Formosan and Japanese Children**, by Y. Kuwata. Ref: Kuwata, Y. [Report of comparative study in mentality of Formosan and Japanese children.] JapJPs, 1926, 1, 46–68.

250. **Mental Ability Test**, by S. R. Laycock. Range: grades 3–8. Saskatchewan, Canada: University of Saskatchewan Bookstore, Saskatoon, 1933.

251. **Extension of Herderschêe Tests**, by R. Lindner. Ref: Lindner, R. Vergleichende Intelligenzprüfungen (an normalen und taubstummen Kindern). PdPsArb, 1925, 14, 67–208.

252. **Group Scale for Primary Grades**, by F. Lowell. Ref: Lowell, F. Group intelligence scale for primary grades. JApPs, 1919, 3, 215–247.

253. **Intelligence Test for Grades 3–9**, by W. A. McCall. New York: Laidlaw Brothers, 1937.

254. **McCall Multi-Mental Scale**, by W. A. McCall and students. Range: grades 2–8. New York: Bureau of Publications, Teachers College, Columbia University, 1925.

255. **Intelligence Tests of Children**, by L. E. Mira. Ref: Mira, L. E. Pruebas para la determinacion de los tipos de intelligencia en los miños. Actualidad Medica, 1926, 2, No. 16, 225–246.

256. **Series of Tests for the Selection of Gifted Children Thirteen Years of Age**, by W. Moede, C. Piorkowski, et al. Ref: Moede, W., Piorkowski, C., et al. Die Berliner Begabtenschulen, ihre Organisation und die Methoden der Schülerauswahl. Langensalza: Beyer und Söhne, 1919.

257. **Tests of School Children**, by E. H. Mullan. Ref: Mullan, E. H. Mental status of rural school children. Washington, D. C.: Government Printing Office. Public Health Reports, 1916, 31, 3174–3187.

258. **A Pantomime Group Intelligence Test**, by G. C. Myers. Range: grades 1–6. New York: Newson and Co., 1922.

259. **Group Test 34**, National Institute of Industrial Psychology. Range: ages 10–15. London: National Institute of Industrial Psychology. Also, Chicago: C. H. Stoelting Co.

260. **National Intelligence Tests (NIT)**, devised under the auspices of the National Research Council by M. E. Haggerty, L. M. Terman, E. L. Thorndike, G. M. Whipple, and R. M. Yerkes. Range: grades 3–8. Yonkers, N. Y.: World Book Co., 1920.

261. **Adaptation of Winkler Tests for School Entrants**, by I. M. Nestor. Ref: Nestor, I. M. Metode experimentale de cercetare psihologica a copilului de 6–7–8 ani. Analele de Psihologie, 1935, 2, 70–106.

262. **The Ten Test Method**, by A. Netschajeff. Ref: Netschajeff, A. Psychologische Untersuchungen an Kindern im Alter von 4 bis 8 Jahren. ZAngPs, 1927, 29, 375–392.

263. **Otis Classification Test**, by A. S. Otis. Range: grades 4–9. Yonkers, N. Y.: World Book Co., 1923.

264. **Otis Group Intelligence Scale, Primary Examination**, by A. S. Otis. Range: grades 1 to 4. Yonkers, N. Y.: World Book Co., 1919.

265. **Otis Group Intelligence Scale, Advanced Examination**, by A. S. Otis. Range: grades 5–12 and adult. Yonkers, N. Y.: World Book Co., 1919.

266. **Otis Quick-Scoring Mental Ability Test, Alpha**, by A. S. Otis. Range: grades 1–4. Yonkers, N. Y.: World Book Co., 1936.

267. **Otis Quick-Scoring Mental Ability Test, Beta,** by A. S. Otis. Range: grades 5–9. Yonkers, N. Y.: World Book Co., 1937.

268. **Otis Self-Administering Test of Mental Ability—Intermediate Examination,** by A. S. Otis. Range: grade 4–9. Yonkers, N. Y.: World Book Co.

269. **Tests for the Selection of Gifted Children in Hamburg,** by R. Peter and W. Stern. Ref: Peter, R., and Stern, W. Die auslese befähigter Volksschüler in Hamburg. Hamburger Arbeiten zur Begabungsforschung. Leipzig: J. A. Barth, 1919, No. 1, p. 157.

270. **Sydney Teachers College Group Scale for Measuring the General Ability of Primary School Children,** by G. E. Phillips. Sydney, Australia: Sydney Teachers College.

271. **Pintner Educational Survey Test,** by R. Pintner. Range: grades 1–12. New York: D. Appleton-Century Co., 1918. Ref: Pintner, R., and Fitzgerald, F. An educational survey test. JEdPs, 1920, 11, 207–223.

272. **Pintner Intelligence Test,** by R. Pintner. Range: grades 4–8. New York: Bureau of Publications, Teachers College, Columbia University, 1931.

273. **Pintner Non-Language Primary Mental Test,** by R. Pintner. Range: kindergarten and grades 1–2. New York: Bureau of Publications, Teachers College, Columbia University, 1927.

274. **Pintner's Non-Language Mental Test,** by R. Pintner. Columbus, Ohio: Ohio State University Book Store. Ref: Pintner, R. A non-language group intelligence test. JApPs, 1919, 3, 199–214.

275. **Pintner Rapid Survey Test,** by R. Pintner. Range: grades 4–8. New York: Bureau of Publications, Teachers College, Columbia University, 1927.

276. **Pintner-Cunningham Primary Mental Test,** by R. Pintner and B. V. Cunningham. Range: kindergarten–grade two. Yonkers, N. Y.: World Book Co., 1923.

277. **Mental Survey Scale, "Cross-Out Tests,"** by S. L. Pressey. Range: grades 4–8. Ref: Pressey, S. L. A group point scale for measuring general intelligence. JApPs, 1918, 2, 250–269.

278. **Pressey Classification Tests,** by S. L. Pressey and L. C. Pressey. Range: Primary Test, grades 1–2; Intermediate Test, grades 3–6. Bloomington, Ill.: Public School Publishing Co., 1921.

279. **Pressey Intermediate Verifying Test,** by S. L. Pressey and L. C. Pressey. Range: grades 3–6. (For use with Pressey Intermediate Classification Test.) Bloomington, Ill.: Public School Publishing Co., 1921.

280. **Tests of School Children,** by W. H. Pyle. Chicago: C. H. Stoelting Co. Ref: Pyle, W. H. The examination of school children. New York: Macmillan Co., 1913. Also: Pyle, W. H. Manual for the mental and physical examination of school children. Bulletin of the University of Missouri, 1916, 17, No. 24.

281. **Richardson Junior and Simplex Tests,** by C. A. Richardson. Range: ages 6–14. London: G. G. Harrap and Co. Ref: (1) Richardson, C. A. and Stocks, C. W. The growth and variability of intelligence. BrJPsMSup, 1934, No, 18. (2) Burt, C. The backward child. New York: D. Appleton-Century Co., 1937. (3) Richardson, C. A. Methods and experiments in mental tests. London: G. G. Harrap and Co., 1922, 1932.

282. **Fife Intelligence Tests,** by R. R. Rusk. Ref: Ballard, P. B. The new examiner. London: Hodder and Stoughton, 1927, p. 71. Also: Rivett, D. M. The Fife intelligence tests and their critics. Scottish Educational Journal, 1922, 5, p. 895.

283. **Intelligence Tests,** by R. Sassenhagen. Ref: Sassenhagen, R. Über geistige Leistungen des Landkindes und des Stadtkindes. Vergleichend-psychologische Untersuchungen. Hamburger Arbeiten zur Begabungsforschung, 8, BhZAngPs, 1926, 37.

284. **Tests for the Selection of Ten Year Old Pupils for Language Classes,** by F. Schlotte. Ref: Schlotte, F. Experimentelle Prüfung von Sprachbefähigten. PdPsArb, 1921, 11.

285. **Scottish Council for Research in Education (1932), Mental Survey Test.** Range: ages 10–12. London: University of London Press, 1932. Ref: Scottish Council for Research in Education. The intelligence of Scottish children: a national survey of an age group. London: University of London Press, 1933.

286. **Tests of School Children,** by C. E. Seashore. Ref: Seashore, C. E. Suggestions for tests on school children. EdRev, 1901, 22, 69–82.

287. **Seattle Entrance Class Tests,** by M. Burr. Range: grade 1. Seattle, Wash.: M. Burr, Board of Education, 1926. Ref: Johnson, O. J. Group intelligence examinations for primary pupils. JApPs, 1922, 6, 403–416.

288. **Group Tests of Intelligence,** by T. Simon. Range: ages 7–13. Ref: Simon, T. Nouveaux tests collectifs d'intelligence. Bu Soc Binet, 1934, 298, 90–97.

289. **French Adaptation of the National Intelligence Test,** by T. Simon. Ref: Decroly, O. J., and Buyse, R. La pratique des tests mentaux. Paris: Alcan, 1928, p. 18.

290. **Sleight Non-Verbal Intelligence Test,** by G. Sleight. Range: 6–11 years. London: G. G. Harrap Co.

291. **Smith's Graded Intelligence Tests,** by F. O. Smith. Missoula, Montana: Department of Psychology, State University of Montana.

292. **A Scale of Individual Tests,** by S. Smith. Ref: Smith, S. A scale of individual tests. Seattle, Wash.: University of Washington Publications in Social Science, 1927, 2, 183–204.

293. **Measure of Intelligence,** by C. E. Spearman. Range: ages 10–14. London: Methuen and Co., 1925. Ref: Spearman, C. E. A measure of 'intelligence' for use in schools. London: Methuen and Co., 1925. Also: Magson, E. H. How we judge intelligence. BrJPsM, 1926, 3, No. 9, 39–56.

294. **Graded Mental Tests,** by C. R. Squire. Ref: Squire, C. R. Graded mental tests. JEdPs, 1912, 3, 363–380, 430–443, 493–506.

295. **Auditory Group Test of Intelligence,** by N. F. Stumpf. Range: grades 4–8. Ref: Stumpf, N. F. The experimental development of an auditory group test of intelligence. Keuka, N. Y.: N. F. Stumpf, 1935.

296. **A Series of Mental Tests,** by L. M. Terman. Ref: Terman, L. M. Genius and stupidity: a study of some of the intellectual processes of seven "bright" and seven "stupid" boys. PedSem, 1906, 13, 307–373.

297. **Thanet Mental Tests.** Ref: Alexander, W. P. Thanet mental tests. London: University of London Press, 1937.

298. **Group Intelligence Tests,** by G. P. Williams. (Oxton Test). Range: ages 11–14. London: G. G. Harrap and Co., 1933.

299. **Moray House Tests,** by G. Thomson. (No. 1 to 5 now discarded; No. 6 and 7 private; No. 8, 9, 10, 11a published by University of London Press; No. 12 in Appendix of "The Intelligence of Scottish Children," University of London Press, 1933). Ref: Burt, C. The backward child. New York: D. Appleton-Century Co., 1937, p. 53.

300. **Northumberland Mental Tests,** by G. Thomson. (Number 1, 1921; Number 2, 1922; also 1925 Series). Range: ages 10–12. London: G. G. Harrap and Co. Ref: Thomson, G. The Northumberland Mental Tests. BrJPs, 1921, 12, 201–222. Also: Burt, C. The backward child. New York: D. Appleton-Century Co., 1937, p. 52.

301. **West Riding Test of Mental Ability,** by T. P. Tomlinson. London: Hodder and Stoughton, 1923.

302. **Revision of Army Alpha Intelligence Test,** by R. S. Uhrbrock. Ref: Uhrbrock, R. S. Sex differences as noted in grammar-school children. SchSoc, 1921, 11, 507–508.

303. **University of Porto Rico General Ability Test,** by F. C. Walters. Range: grades 8–12. San Juan, Porto Rico: Insular Bureau of Printing, Government of Porto Rico, 1926.

304. **Toy Test,** by M. von Kuenburg. Ref: von Kuenburg, M. Zuordnungsversuche bei Gesunden und Sprachgestörten. ArGsPs, 1930, 76. Also: Marum, O. Experimentell-psychologische Untersuchung zur Intelligenzbeurteilung. ZAngPs, 1933, 44, 342–362.

305. **Test Series for a Psychological Examination of Children Entering School,** by H. Winkler. Ref: Winkler, H. Testserie zur psychologischen Untersuchung von Schulneulingen. Leipzig: Institut für experimentelle Pädagogik und Psychologie, 1930. Also: PdPsArb, 1922, 12, 1–55.

306. **Tests of Intelligence of 6–7 Year Old Children,** by L. Wreschner. Ref: Wreschner, L. Testreihe zur Untersuchung der Intelligenz sechs-bis siebenjahriger Kinder. ArGsPs, 1933, 87, 183–230.

307. **Intelligence Tests of Children Aged Ten to Thirteen,** by S. Wyatt. Ref: Wyatt, S. The quantitative investigation of higher mental processes. BrJPs, 1913, 6, 109–133.

308. **Series of Intelligence Tests for Thirteen-year-old Children,** by G. Zink. A modification of the Burgard tests. Ref: Zink, G. Testreihe zur Untersuchung der Intelligenz dreizehnjahriger Volksschüler. ArGsPs, 1931, 80, 403–451.

See also addenda, Tests 4203, 4229, 4242, 4248.

The following items are out of print or not generally available.

309. **Kingsbury Primary Group Intelligence Test,** by F. A. Kingsbury. Range: grades 1–4. Bloomington, Ill.: Public School Publishing Co., 1920. (Out of print.)

310. **The Philadelphia Intelligence Test.** Ref: Barthelmess, H. M., and Boyer, P. A. An evaluation of ability grouping. JEdR, 1932, 26, 284–294. (Not available for general distribution.)

311. **Simpson's Scale (Mixed),** by B. R. Simpson. Ref: Simpson, B. R. Correlations of mental abilities. TCConEd, 1912, No. 53. (Out of print.)

312. **Gunnison Primary Test A,** by H. T. Manuel. Grades 1–3. Gunnison, Colo.: School Service Bureau, Colorado State Normal School, 1921. (Not available.)

313. **Whipple's Group Tests for Grammar Grades,** by G. M. Whipple. Range: grades 4–8. Bloomington, Ill.: Public School Publishing Co., 1920. (Out of print.)

314. **Whipple's Test for Selection of Gifted Children,** by G. M. Whipple. Range: grades 5–8. Bloomington, Ill.: Public School Publishing Co., 1919. (Out of print.)

MENTAL ABILITY AND SCHOLASTIC APTITUDE TESTS FOR HIGH SCHOOL STUDENTS

Ages approximately 14–18

See also: Mental ability tests, general and unclassified, pp. 34–40; elementary and college levels, pp. 13–19, 23–27; Performance tests, formboards and mazes, pp. 70–76.

A number of these tests also contain material of college and adult levels.

315. **Barcelona Tests of Intelligence.** Ref: Giese, F. W. O. Über Pauschalprüfung bei Intelligenzuntersuchungen. ZPädPs, 1924, 25, 137–147.

316. **Detroit Advanced Intelligence Test,** by H. J. Baker. Range: grades 9–12, and college. Bloomington, Ill. Public School Publishing Co., 1925.

317. **Crichton Test for High School Pupils,** by P. B. Ballard. Supplements the Chelsea Tests. Range: adolescents and adults. London: Hodder and Stoughton. Ref: Ballard, P. B. Ballard group tests of intelligence. London: Hodder and Stoughton, 1923, p. 131.

318. **South Dakota Group Intelligence Test for High Schools,** by W. H. Batson. Ref: Batson, W. H. The South Dakota group intelligence test for high schools. SchSoc, 1922, 15, 311–315.

319. **Bixler Intelligence Test,** by H. H. Bixler. Chicago: C. H. Stoelting Co., 1924.

320. **Ten Psychological Tests of Intelligence,** by W. F. Book and J. L. Meadows. A group point scale for measuring general intelligence. Ref: Book, W. F., and Meadows, J. L. Sex differences in 5,925 high school seniors in ten psychological tests. JApPs, 1928, 12, 56–81.

321. **Cattell Intelligence Test, Scale III,** by R. B. Cattell. Range: ages 15 and up. London: G. G. Harrap and Co. Ref: Cattell, R. B. A guide to mental testing. University of London Press, 1936.

322. **Chapman Group Test Without Prepared Blanks,** by J. C. Chapman. Range: grades 6–12. Ref: Chapman, J. C. A group intelligence examination without prepared blanks. JEdR, 1920, 2, 777–786.

323. **Junior and Senior High School Classification Tests,** by J. C. Chapman and — Welles. Columbus, Ohio: Dobson Evans Co.

324. **Carnegie Mental Ability Tests,** by G. U. Cleeton. Range: high school and college freshmen. Boston: Houghton Mifflin Co.

325. **The Crosby-Eaton Hundredweight,** by P. R. Crosby and H. T. Eaton. Range: grades 8–12. Boston: Palmer Co., 1928.

326. **Tests for Students of Secondary Schools and Colleges,** by V. Dounaievsky. Ref: Dounaievsky, V. Orientation professionnelle dans la Republique des Soviets. Travaux de l'Institut du Travail de Kharkoff. See also: Bulletin de l'Office intercommunal d'orientation professionnelle, IV, No. 15. Brussels: Lamertin, 1925.

327. **A Group Test of Intelligence for Secondary School Pupils (Arabic),** by I. El-Kabbani. Cairo, Egypt: Lagnat Attalif Wattergama Wannashr, 1932.

328. **Test of General Intelligence,** by J. Giermam and M. Rodrigo. Range: ages 11–15 and adults. Ref: Giermam, J., and Rodrigo, M. Primeros resultados de un test de inteligencia general. Arch de Neurobiology, 1933, 13, 1189–1221.

329. **George Washington University International Intelligence Test,** by F. A. Moss and M. T. Lake. Range: junior and senior high school. Washington, D. C.: Center for Psychological Service, 1928.

330. **Griffin Group Intelligence Test,** by A. C. Griffin. Range: grades 7–12. Los Angeles, Calif.: A. C. Griffin, Director of High School Research, Los Angeles City Schools.

331. **Henmon-Nelson Test of Mental Ability**, by V. A. C. Henmon and M. J. Nelson. Range: grades 7–12. Boston: Houghton Mifflin Co., 1931.

332. **Polish Revision of the Terman Group Test of Mental Ability**, by A. Jankowska. Ref: Jankowska, A. [The value of the group test of Terman compared with the individual tests of Binet-Simon-Terman.] Polish Archives of Psychology, 1931, 4, 274–295.

333. **Junior Scholastic Aptitude Test**, by Bureau of Research, Secondary Education Board, Milton, Mass. (J. A. Lester, Chairman). Preliminary edition.

334. **Miller Mental Ability Test**, by W. S. Miller. Range: grades 7 through college freshmen. Yonkers, N. Y.: World Book Co., 1921.

335. **Morgan's Mental Test**, by J. B. Morgan. Iowa City, Iowa: Clio Press. Ref: Morgan, J. B. A mental profile from an omnibus group test. JApPs, 1924, 8, 52–56.

336. **Odell Test of Mental Ability**, by C. W. Odell. Range: grades 7–12. Oklahoma City, Okla.: Webb-Duncan Publishing Co., 1932.

337. **General Classification Tests**, by L. J. O'Rourke. Range: Junior Grade, grades 7–11; Senior Grade, high school senior and college freshman. Washington, D. C.: Educational and Personnel Publishing Co.

338. **Otis Group Intelligence Scale, Advanced Examination**, by A. S. Otis. Range: grades 5–12, and adult. Yonkers, N. Y.: World Book Co., 1919.

339. **Otis Quick-Scoring Mental Ability Test, Gamma**, by A. S. Otis. Range: high school and college. Yonkers, N. Y.: World Book Co., 1937.

340. **Otis Self Administering Tests of Mental Ability**, by A. S. Otis. Range: higher examination, grade 9–college. Yonkers, N. Y.: World Book Co., 1922.

341. **Pressey Senior Classification Test**, by S. L. Pressey and L. C. Pressey. Range: grades 7–12. Bloomington, Ill.: Public School Publishing Co., 1921.

342. **Pressey Senior Verifying Test**, by S. L. Pressey and L. C. Pressey. Range: grades 7–12. (For use with Pressey Senior Classification Test.) Bloomington, Ill.: Public School Publishing Co., 1921.

343. **Psychological Tests for High Schools and Colleges**, by F. O. Smith. Missoula, Montana: Department of Psychology, State University of Montana.

344. **Entrance Examinations for Intermediate Schools**, by O. H. Sterzinger. Ref: Sterzinger, O. H. Untersuchungen über die Aufnahmeprüfung in die Mittelschulen (höheren Schulen). Virteljahrsschrift für Jugendkunde, 1931, 1, 24–37.

345. **Tests of Pupils of High School Level**, by O. H. Sterzinger. Ref: Sterzinger, O. H. Über den Stand und die Entwicklung von Begabungen während der Gymnasialzeit. ArGsPs, 1924, 49, 93–178.

346. **Terman Group Test of Mental Ability**, by L. M. Terman. Range: grades 7–12, college freshmen. Yonkers, N. Y.: World Book Co., 1920.

347. **Leeds Intelligence Tests**, by T. Thomas. Range: boys age 11–16. London: Bell and Co.

348. **Northumberland Mental Test, No. 2**, by G. Thomson. Range: ages 12½ and over. London: G. G. Harrap and Co.

349. **American Council on Education Psychological Examination**, by L. L. Thurstone and T. G. Thurstone. Range: grades 9–12 and college freshmen. Washington, D. C.: American Council on Education, (New form every year.) Ref: Thurstone, L. L. and Thurstone, T. G. The 1933 psychological examination. Educational Record, 1934, 15, 161–175.

350. **The Dominion Group Test of Intelligence**, by Department of Educational Research, University of Toronto. Range: ages 12–17. Toronto, Canada: Department of Educational Research, University of Toronto, 1934. Ref:

Smith, C. E. The construction and validation of a group test of intelligence using the Spearman technique. Bulletin No. 5, Department of Educational Research, Ontario College of Education, Toronto, 1935.

351. **North Carolina High School Senior Examination**, by M. R. Trabue. Range: high school seniors. Also contains high school subject matter tests. Chapel Hill, N. C.: Bureau of Educational Research, University of North Carolina, 1927, 1930, 1931.

352. **University of Washington Psychological Test.** Range: high school and working age level. Seattle, Wash.: Department of Psychology, University of Washington. Ref: Woody, C. Standardized tests designed for use in institutions of higher learning. Washington, D. C.: American Council on Education, 1930, p. 61.

353. **Tests of Practical Intelligence of Adolescents**, by F. Von Rohden. Ref: Von Rohden, F. Über Wesen und Untersuchung der praktischen Intelligenz. ArPt, 1924, 70, 317–368.

354. **Tests of Continuation School Children**, by F. Weigel. Ref: Weigel, F. Intelligenzprüfung von Hilfsschülern nach der Testmethode. ZKi, 1913, 18, 374–380; 455–462; 509–530. Also: BKi, 1913, 111, p. 40.

MENTAL ABILITY AND SCHOLASTIC APTITUDE TESTS, COLLEGE AND ADULT LEVELS

See also: Mental ability tests, high school level, pp. 20–22; general mental ability tests, pp. 34–40; Professional scholastic aptitude tests, pp. 28–29.

355. **Royal Swedish Navy Intelligence Tests,** by R. Anderberg. Ref: Anderberg, R. Recruitment at the Royal Swedish Navy with the aid of intelligence tests. Uppsala, Sweden: University Arsskr., 1935, No. 4.

356. **Army Group Intelligence Examinations—Alpha, Beta, and Point Scales,** by Division of Psychology, Surgeon General's Office, Washington, D. C., 1918. Also, Chicago: C. H. Stoelting Co.; and Emporia, Kansas: Kansas State Teachers College, 1919. Ref: Yerkes, R. M. Psychological examining in the United States Army. Memoirs of the National Academy of Sciences, 1921, No. 15. Also: Yoakum, C. S., and Yerkes, R. M. Army mental tests. New York: Henry Holt and Co., 1920.

357. **Army Alpha Tests,** "Scrambled" or Modified Carnegie VI. Chicago: C. H. Stoelting Co. Ref: Ford, A. Group experiments in elementary psychology. New York: Macmillan Co., 1931.

358. **Scale for the Measurement of Adult Intelligence,** by T. Arcon. (Based on Binet and Army Tests.) Ref: Arcon, T. Masurarea inteligentii la adulti. Cluj, Rumania: Cartea Romaneasca, 1937.

359. **Kentucky Classification Test,** by E. J. Asher. Range: grade 12 and college. Lexington, Kentucky: Cooperative Testing Service, University of Kentucky, 1930. Ref: Asher, E. J. The Kentucky cooperative testing program for Kentucky colleges. Kentucky Personnel Bulletin, 1936, No. 6. Also: Oppenheimer, J. J. Tests used at the University of Louisville. Kentucky Personnel Bulletin, No. 9.

360. **Revised Alpha Examination Form 6, Short Form,** by C. R. Atwell and F. L. Wells. Range: high school, college, and adults. New York: Psychological Corporation, 1933. Ref: Atwell, C. R., and Wells, F. L. Army Alpha revised—short form. PerJ, 1933, 12, 160–165.

361. **Test of Japanese Troops,** by Y. Awaji. Ref: Awaji, Y. Intelligenzprüfung im Japanischen Heere. ZAngPs, 1928, 30, 81–118.

362. **Tests of Dartmouth Freshmen,** by W. V. Bingham. Ref: Bingham, W. V. Some norms of Dartmouth freshmen. Individual measures. JEdPs, 1916, 7, 129–142.

363. **Revision of Army Alpha Examination, Form A, Form B,** by E. O. Bregman. New York: Psychological Corporation, 1925, 1935.

364. **Bregman Language Completion Scale,** by E. O. Bregman. Range: clerks and office workers; a disguised intelligence test. New York: Psychological Corporation, 1934.

365. **Scholastic Aptitude Tests of the College Entrance Examination Board,** by C. C. Brigham, Chairman. Ref: Brigham, C. C. Examining fellowship applicants. Princeton, N. J.: Princeton University Press, 1935. Also: General report on the scholastic aptitude test. Twenty-seventh annual report of the Secretary of the College Entrance Examination Board, New York, 1927, Appendix E, 175–211.

366. **Brown University Psychological Examination.** Range: college entrance. Minneapolis, Minn.: Educational Test Bureau.

367. **Tests of Adults,** by J. Burgard. Ref: Burgard, J. Testreihe zur Untersuchung der Allgemeinintelligenz Erwachsener. ArGsPs, 1929, 68, 325–394.

368. **Psychological Examinations of Barnard Freshmen,** by F. E. Carothers. Ref: Carothers, F. E. Psychological examinations of college students. ArPs, 1921, No. 46.

369. **Tests of College Students**, by J. McK. Cattell. Ref: Cattell, J. McK. Mental tests and measurements. Mind, 1890, 15, 373–381.

370. **Intelligence Tests for Chinese College or University Candidates**, by Y. Chang. Ref: Chang, Y. ChJPs, 1926, 4, No. 2.

371. **Chinese Non-Language Group Intelligence Scale for Adults**, by L. K. Chen and Y. T. Chen. Ref: Chen, L. K., and Chen, Y. T. (A report of the construction and preliminary results of an adult non-language group intelligence scale). Educational Review (Chinese), 1936, 26, No. 1, 107–128.

372. **Intelligence Tests for College Freshmen**, by G. C. Chatterji. Ref: Chatterji, G. C. Intelligence tests for college freshmen. IndJPs, 1927, 2, 74–79.

373. **French Adaptation of Thurstone Intelligence Test IV**, by O. Decroly. Ref: Decroly, O., and Buyse, R. La pratique des tests mentaux. Paris: Alcan, 1928, 246–263.

374. **Series of Tests Given to Nineteen Year Old Students**, by S. Englemann. Ref: Englemann, S. Vergleich von Begabungsprüfung und Lehrerurteil auf Grund einer Versuchsreihe. ZPädPs, 1920, 21, 109–127.

375. **Mental Alertness Test (George Washington University)**, by T. Hunt, K. T. Omwake, F. A. Moss, et al. Range: high school and college. Washington, D. C.: Center for Psychological Service, 1926, 1930.

376. **Michigan Adult Profile: High School and College Levels**, by E. B. Greene. Ann Arbor, Mich.: E. B. Greene, University of Michigan, 1937.

377. **Revision of the American Army Alpha Test**, by N. M. Hales. Ref: Hales, N. M. An advanced test of general intelligence. Melbourne, Australia: Melbourne University Press, 1932.

378. **Intelligence Tests for University Students**, by V. Hazlitt. Ref: Hazlitt, V. Ability. London: Methuen Co., 1926, 91–110.

379. **Abbreviated Army Alpha Test**, by G. Hendrickson. Ref: Hendrickson, G. An abbreviation of the Army Alpha. SchSoc, 1931, 33, 467–468.

380. **Henmon-Nelson Test of Mental Ability (College Form)**, by V. A. C. Henmon and M. J. Nelson. Range: college. Boston: Houghton Mifflin Co., 1931.

381. **Witwatersrand University Group Test of Mental Ability**, by R. F. A. Hoernlé. Johannesburg, Union of South Africa: Transvaal Education Department, 1926.

382. **Iowa Placement Examinations**, by G. D. Stoddard, M. F. Carpenter, J. Cornog, G. E. Vander Beke, E. W. Chittenden, and C. J. Lapp; under the direction of C. E. Seashore and G. M. Ruch. Range: college freshmen. Foreign language aptitude, English training, mathematics aptitude, mathematics training, Spanish training, physics aptitude, physics training, chemistry aptitude, chemistry training, French training. Iowa City: Bureau of Educational Research and Service, State University of Iowa, 1925. Ref: Remmers, H. H. A study of freshman placement tests at Purdue University, 1926–1929. Lafayette, Ind.: Purdue University Studies in Higher Education, XII, 1929.

383. **Anthropological and Psychological Tests**, by J. Jastrow. Ref: Jastrow, J. Some anthropological and psychologic tests on college students—a preliminary survey. AmJPs, 1891–1892, 4, 420–427. Also: AnPs, 1894, 1, 522–526.

384. **Revised Beta Examination**, by C. E. Kellogg and N. W. Morton. Range: relatively illiterate or non-English speaking individuals. New York: Psychological Corporation, 1931–1935. Ref: Kellogg, C. E., and Morton, N. W. Revised Beta examination. PerJ, 1934, 13, 94–100. Also: Bingham, W. V. Aptitudes and aptitude testing. New York: Harper and Brothers, 1937.

385. **Tests for Freshmen at the University of Iowa**, by I. King and J. McCrory. Ref: King, I., and McCrory, J. Freshmen tests at the University of Iowa. JEdPs, 1918, 9, 32–46.

386. **Tests of College Students**, by H. D. Kitson. Ref: Kitson, H. D. Scientific study of the college student. PsRM, 1917, 23, No. 1.

387. **Knox's Immigration Tests**, by H. A. Knox. Devised for the United States Public Health Service at Ellis Island, New York. Chicago: C. H. Stoelting Co. Ref: Knox, H. A. A scale based on the work at Ellis Island for estimating mental defect. JAmMedAssoc, 1914, 62, 741–747. Also: Knox, H. A. Alien mental defectives. Chicago: C. H. Stoelting Co.

388. **Adaptation of Thurstone's Psychological Examination in French**, by A. Ley and M. L. Wauthier. Ref: Ley, A., and Wauthier, M. L. Mesure de l'intelligence par la méthode des tests, chez l'étudiant d'université. Annales Medico-Psychologique, 1937, 95, Part 1, 353–385.

389. **Adult Mental Age Scale**, by E. A. Lincoln and K. M. Cowdery. Ref: Lincoln, E. A., and Cowdery, K. M. An abbreviated mental age scale for adults. SchSoc, 1919, 10, 707–709.

390. **Maizlish Revision of Snedden's Disguised Intelligence Tests**, by I. L. Maizlish. Ref: Maizlish, I. L. New possibilities in intelligence testing. Interview form. JApPs, 1936, 20, 599–608. Also: Maizlish, I. L. A suggested revision of D. S. Snedden's disguised intelligence tests. Interview form. Pittsburgh, Pa.: Master's thesis, University of Pittsburgh.

391. **Michigan Modification of the Army Alpha Test.** Ref: Adams, H. F. Personality as revealed by mental test scores and by school grades. JApPs, 1928, 12, 261–277.

392. **Minnesota College Aptitude Tests**, by D. G. Paterson et al. Minneapolis: University of Minnesota Press, 1926–1936.

393. **Spanish Adaptation of Thurstone Intelligence Test IV**, by L. E. Mira. Ref: Decroly, O., and Buyse, R. La pratique des tests mentaux. Paris: Alcan, 1928, 246–263.

394. **Series of Tests for Immigrants**, by E. H. Mullan. Ref: Mullan, E. H. The mentality of the arriving immigrant. Washington, D. C.: Public Health Bulletin, United States Public Health Service, 1917, No. 90.

395. **National Institute of Industrial Psychology Intelligence Test, Group Test 33.** London: National Institute of Industrial Psychology. Also, Chicago: C. H. Stoelting Co. Ref: Tagg, M. Vocational tests in the engineering trade. JNaInsIndPs, 1925, 2, 313–323.

396. **Ohio State University Psychological Test**, by Ohio College Association Committee on Intelligence Tests for Entrance, H. A. Toops, Chairman. Range: grades 9–16 and adults. Columbus, Ohio: Committee on Intelligence Tests for Entrance, Ohio College Association, Ohio State University, 1935. Ref: Toops, H. A. A catechism on a state-wide testing and guidance program. (Mimeographed.) Columbus, Ohio: H. A. Toops, Ohio State University, 1934. Also: Toops, H. A. A minimal guidance program for secondary schools. (Mimeographed.) Ohio High School Bulletin, No. 9. Columbus, Ohio: Ohio College Association, Ohio State University, 1934.

397. **Otis General Intelligence Examination**, by A. S. Otis. Designed especially for business institutions. Yonkers: World Book Co., 1920.

398. **Psychological Examination: Pennsylvania State College.** State College, Pa.: Pennsylvania State College, Department of Education and Psychology. Ref: Woody, C. Standardized tests designed for use in institutions of higher learning. Washington, D. C.: American Council on Education, 1930, p. 58.

399. **A Uniform Test of General Intelligence**, by J. C. Peterson. Ref: Peterson, J. C. A uniform test of general intelligence. PsBul, 1928, 25, 175.

400. **Test for Superior Adults**, by H. Piéron. Ref: Piéron, H. Quelques données sur un test pour l'épreuve de hauts niveaux d'intelligence. BuInNatProf, 1932, 4, 1–5.

401. **Adult Intelligence Test**, by W. Radecki. Ref: Radecki, W. Un test d'intelligence pour adultes. JPs, 1927, 24, 831–850.

402. **Roback's Superior Adult Tests**, by A. A. Roback. Chicago: C. H. Stoelting Co., 1924, 1928.

403. **Comprehension Tests (For Superior Adults)**, by A. A. Roback. Chicago: C. H. Stoelting Co., 1925, 1930.

404. **Scholastic Tests**, by E. Rodenwaldt. Ref: Rodenwaldt, E. Zur Methode der Intelligenzprüfung. ArKr, 1905, 18, 235–251.

405. **Group Tests of Intelligence**, by D. C. Rogers. Designed for use with college freshmen. Ref: Bell, J. C. Group tests of intelligence: an annotated list. JEdPs, 1921, 12, 103–108.

406. **A French Version of the Army Tests**, by S. Roux de Montlebert. Ref: Roux de Montlebert, S. La determination des aptitudes par la méthode des tests. Paris and Neuchatel: Delachaux et Niestlé, 1926.

407. **Iowa Entrance Examination**, by G. M. Ruch and others. Iowa City: Extension Division, University of Iowa.

408. **Rumanian Adaptation of Army and Dearborn Tests.** Ref: Bontila, C. G. Tehnica testelor psihologice cartea Romaneasca, 1935.

409. **Schrammel-Brannan Revision of the Army Alpha Group Intelligence Examination**, by H. E. Schrammel and C. V. Brannan. Range: junior and senior high school, college, and adults. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College, 1936.

410. **Schubert Information Test**, by H. J. P. Schubert. (For classifying adults on the basis of general ability.) Buffalo, N. Y.: Transient Center, Erie County, 1935.

411. **Scovill Manufacturing Company Classification Test.** Modification of Army Alpha and Beta. Waterbury, Conn.: Scovill Manufacturing Co., 1927.

412. **Scovill Apprentice Scale (A modification of the Scovill Classification Test).** Waterbury, Conn.: Scovill Manufacturing Co.

413. **Shellow's Intelligence Test for Stenographers and Typists**, by S. M. Shellow. Chicago: C. H. Stoelting Co. Ref: Shellow, S. H. An intelligence test for stenographers. JPerR, 1926, 5, 306–308.

414. **Disguised Intelligence Tests**, by D. S. Snedden. Ref: Snedden, D. S. Study in disguised intelligence tests (interview form). TCConEd, 1927, No. 291.

415. **Adaptation of the Army Beta Tests**, by G. S. Snoddy and G. E. Hyde. Ref: Snoddy, G. S., and Hyde, G. E. Mental survey of Utah schools and adaptation of the Army Beta Tests. Bulletin of the University of Utah, 1921, 12, No. 6.

416. **Tests of Army Recruits**, by N. Sokolow and A. Speransky. Ref: Sokolow, N., and Speransky, A. Essai d'un examen psycho-physiologique des recrues. Recueil de Medicine Militaire, Fasc. II, p. 56–67.

417. **Scholarship Examinations for the Selection of Promising University Students.** Ref: Stalnaker, J. M., and Richardson, M. W. Scholarship examinations. Journal of Higher Education, 1934, 5, 305–313.

418. **Teachers College Psychological Examination**, by the Intelligence Committee of the Teachers College Personnel Association, J. R. McCrory, Chairman. Range: teachers college students. St. Cloud, Minn.: State Teachers College, 1935. Also: Revised edition, 1937. Ref: Heilman, J. D. The 1936 report on the cooperative testing programs of the Teachers College Personnel Association. Mimeographed. Greeley, Colo.: Colorado State Teachers College, February 13, 1936.

419. **Thorndike Intelligence Examination for College Entrance**, by E. L. Thorndike. New York: Bureau of Publications, Teachers College, Columbia University. Ref: Wood, Ben D. Measurement in higher education. Yonkers, N. Y.: World Book Co., 1923. Revision, 1937.

420. **I.E.R. (Institute of Educational Research) Intelligence Scales, Revised**, by E. L. Thorndike, E. Woodyard, and I. Lorge. New York: E. L. Thorndike, Institute of Educational Research, Teachers College, Columbia University.

Range: college and adult levels. Ref: Thorndike, E. L., Woodyard, E., and Lorge, I. Four new forms of the I.E.R. Intelligence Scale for use on the college or higher levels. SchSoc, 1935, 42, 271–272.

421. **Thurstone Cycle Omnibus Intelligence Test for College Students**, by L. L. Thurstone. Range: high school seniors and college freshmen. Bloomington, Ill.: Public School Publishing Co., 1919. Ref: Thurstone, L. L. A cycle-omnibus intelligence test for college students. JEdR, 1921, 4, 265–278.

422. **Thurstone's Intelligence Test IV, and Supplement**, by L. L. Thurstone. Chicago: C. H. Stoelting Co., 1919.

423. **Thurstone's Psychological Examination**, by L. L. Thurstone. Chicago: C. H. Stoelting Co., 1922–1924.

424. **University of Porto Rico General Ability Test for High School Graduates**, by F. C. Walters and M. L. Monefeldt. San Juan, Porto Rico: Insular Bureau of Printing, Government of Porto Rico, 1926. Ref: Walters, F. C. Psychology tests in Porto Rico. SchSoc, 1927, 25, 231–233.

425. **Psychological Examination of University of Texas Freshmen**, F. A. C. Perrin, chairman of Committee. 1923–1924. Ref: Uhrbrock, R. S., and Downey, J. E. A non-verbal will-temperament test. JApPs, 1927, 11, 95–105. Also: Texas freshman psychological examination in the college of arts and sciences. University of Texas Bulletin, 1924, No. 2445.

426. **Bellevue Adult Intelligence Test**, by D. Wechsler. Manual from Williams and Wilkins Co., Baltimore, Md. Test materials and blanks from Psychological Corporation, New York.

427. **Revised Alpha Examination Form 5, Form 7**, by F. L. Wells. New York: Psychological Corporation, 1932–33. Ref: Wells, F. L. Army Alpha—revised. PerJ, 1932, 10, 411–417.

428. **A Point Scale for the Measurement of Intelligence in Adolescent and Adult Individuals**, by R. M. Yerkes and C. S. Rossy. Ref: Yerkes, R. M., and Rossy, C. S. A point scale for the measurement of intelligence in adolescent and adult individuals. MedSurgJ, 1917, 176, 464–573.

429. **Bureau of Public Personnel Research, Test VI**, by C. S. Yoakum (Self-Administering adaptation of the Army Tests). New York: Psychological Corporation. Ref: Bingham, W. V. Aptitudes and aptitute testing. New York: Harper and Brothers, 1937.

See also addenda, Test 4231.

The following items have incomplete references or are not available:

430. **Amherst Test—a revised form of the C. H. T. (a sentence completion and vocabulary test).** Ref: Toll, C. H. Scholastic aptitude tests in Amherst College. SchSoc, 1928, 28, 524–528.

431. **Smith College Intelligence Examination.** Mentioned in Strang, R. Personal development and guidance in college and secondary school. New York: Harper and Brothers, p. 19.

432. **Yale Classification Tests**, by J. E. Anderson, 1920–1923. Ref: Spencer, L. T., and Anderson, J. E. The predictive value of the Yale classification tests. SchSoc, 1926, 24, 305–312. (Not available.)

433. **Adaptation of Army Tests for Industrial Use**, by J. E. Anderson. Minneapolis, Minn.: University of Minnesota. (Not available for general use.)

PROFESSIONAL SCHOLASTIC APTITUDE TESTS

See also: Tests of Teaching Ability and Ratings of Teachers, pp. 41–46. Tests and rating scales in other sections of the bibliography will also be found appropriate.

434. **American Library Association New Type Objective Examination Questions.** Range: students taking library training technique. Chicago: American Library Association, 1926.

435. **Tests Used in Medical School Examining at City College, New York.** Includes Medical Aptitude Test, Ambinex Test, Feradcom. New York: College of the City of New York. Ref: Schaul, M. W. Some factors determining entrance to the medical school. SchSoc, 1935, 42, 902–904.

436. **Measuring the Knowledge and Practice of Midwives.** Ref: Derryberry, M., and Daniel, J. The development of a technique for measuring the knowledge and practice of midwives. Washington, D. C.: U. S. Public Health Report, 1936, 51, 757–771.

437. **Aptitude in Roentgenology,** by E. Falk. Ref: Falk, E. Eine Apparative Eignungsprüfeinrichtung für Röntgenbetriebe. IndPste, 1932, 9, 157–160.

438. **Law Aptitude Examination,** by M. L. Ferson and G. D. Stoddard. St. Paul, Minn.: West Publishing Co., 1926. Ref: Stoddard, G. D. Ferson and Stoddard law aptitude examination—preliminary report. American Law School Review, 1927, 6, 78–81.

439. **Tests for the Examination of Pharmaceutical Laboratory Students,** by E. Fischer. Ref: Fischer, E. Berufsanalyze des Apothekers und Aufstellung einer Testriehe zur Prüfung von apotheker Praktikanten. Kallmünz: Lassleben, 1934.

440. **Aptitude Test for Medical Schools (George Washington University Series),** by F. A. Moss et al. Washington, D. C.: Center for Psychological Service, 1927–1931. Ref: Woody, C. Standardized tests designed for use in institutions of higher learning. Washington, D. C.: American Council on Education, 1930, p. 67.

441. **Tests of Applicants for Admission to the University of Minnesota Medical School,** by M. E. Haggerty. Ref: Haggerty, M. E. Tests of applicants for admission to the University of Minnesota Medical School. JEdPs, 1918, 9, 278–286.

442. **A Prognostic Study of Engineering Aptitude,** by G. W. Holcomb and H. R. Laslett. Ref: Holcomb, G. W., and Laslett, H. R. A prognostic study of engineering aptitude. JApPs, 1932, 16, 107–116.

443. **A Personality Scale for Nurses,** by W. B. Jones and R. E. Iffert. Ref: Jones, W. B., and Iffert, R. E. Fitness for nursing. Pittsburgh, Pa.: Bureau of Educational Records and Research, 1933.

444. **Elimination Tests for Dentists (Germany),** by H. Keller and C. O. Weber. Ref: Keller, H., and Weber, C. O. Germany's elimination tests for dentists. JApPs, 1932, 16, 465–474.

445. **Leahy-Fenlason Rating Scale for Social Case Workers,** by A. M. Leahy and A. F. Fenlason. Minneapolis, Minn.: Department of Sociology and Training School for Social Work, University of Minnesota, 1933. Ref: Leahy, A. M., and Fenlason, A. F. Rating scale for social workers. Family, 1934, 14, 346–350.

446. **A Test of Vocational Intelligence in Mechanical Engineering Work,** by W. T. Magruder. Ref: Magruder, W. T. An experiment in vocational intelligence testing of 4th year mechanical engineering students. Proceedings of the Society for the Promotion of Engineering Education, 1919, 27, 122–138.

447. **Missouri School of Mines Engineering Education Tests,** by C. V. Mann. Ref: Mann, C. V. Objective type tests in engineering education. Iowa City: Dis-

112990

sertation, University of Iowa, Volume II. Also: Mann, C. V. Objective type tests in engineering education. New York: McGraw-Hill Book Co., 1930.

448. **Aptitude Tests for Dentistry,** by K. Marbe. Ref: Marbe, K. Die Eignung zur Zahnheilkunde und ihre psychotechnische Prüfung. DZahnWoch, 1928, 31, 233–240.

449. **Record of Proficiency in Nursing Practice.** Minneapolis, Minn.: University of Minnesota Press, 1931.

450. **Special Test for Differentiating Graduate Engineers,** by B. V. Moore. Ref: Moore, B. V. Personnel selection of graduate engineers. PsM, 1921, 30, No. 138.

451. **Aptitude test for Nursing,** by F. A. Moss and T. Hunt. Washington, D. C.: Center for Psychological Service, 1931.

452. **Rating Scale of Psychologists,** by M. L. Reymert. Mooseheart, Ill.: Mooseheart Laboratory for Child Research.

453. **Roback's Scientific Ingenuity and Juristic Aptitude Test,** by A. A. Roback. Chicago: C. H. Stoelting Co., 1925.

454. **Capacity Tests for Students of Law,** by E. L. Thorndike. Available only to professional schools for testing purposes from E. L. Thorndike, Teachers College, Columbia University, New York.

455. **Tests for Engineering Aptitude,** by E. L. Thorndike. Range: college freshmen. Ref: Mann, C. V. A study of engineering education. Carnegie Foundation for the Advancement of Teaching Bulletin, 1918, 11, Appendix, 117–125.

456. **Thurstone Tests for Engineering Students (Aptitude and Intelligence),** by L. L. Thurstone. Range: high school seniors and college. Pittsburgh, Pa.: Carnegie Institute of Technology, 1919. Ref: Thurstone, L. L. Mental tests for engineering students. Proceedings of the Society for the Promotion of Engineering Education, 1919, 27, 113–119. Also: Thurstone, L. L. Intelligence tests for engineering students. JEnginEd, 1923, 13, 263–318.

457. **Thurstone Vocational Guidance Tests (For Engineering Students),** by L. L. Thurstone. Range: high school seniors and college freshmen interested in engineering. Yonkers, N. Y.: World Book Co., 1922.

458. **Medical Entrance Examination, University of Michigan,** by D. F. Twitchell. A reading test in biology, chemistry and physics, Form A, June, 1928, September, 1930. Form B, June, 1929. Vocabulary test, Form A, June, 1929. Ann Arbor, Mich.; University of Michigan.

459. **Rating Scale for Graduate Students,** by R. S. Uhrbrock. Range: students desiring to undertake graduate work. Chicago: C. H. Stoelting Co.

460. **Aptitude Tests for Medical Students,** by B. D. Wood. Ref: Wood, B. D. New type examinations in the College of Physicians and Surgeons. JPerRes, 1926, 5, 227–234.

461. **Stanford Scientific Aptitude Test,** by D. L. Zyve. Range: high school and college. Stanford University, Calif.: Stanford University Press, 1929, 1930. Ref: Zyve, D. L. A test of scientific aptitude. JEdPs, 1927, 18, 524–546.

See also addenda, Tests 4212, 4252, 4262.

The following items have incomplete references or are not available:

462. **Ohio State University Mechanical Engineering Tests.** Mentioned by Allen, F. Practice in vocational guidance. New York: McGraw-Hill Book Co., 1927, p. 152.

463. **Freyd Test for Journalistic Aptitude,** by M. Freyd. Philadelphia: M. Freyd, University of Pennsylvania, 1920. Ref: Freyd, M. A test series for journalistic aptitude. JApPs, 1921, 5, 45–56. (Not available.)

TESTS SPECIFICALLY DESIGNED FOR BACKWARD, SUBNORMAL, AND ABNORMAL SUBJECTS

See also: Binet Tests and Revisions, pp. 1–5; Performance Tests, Formboards and Mazes, pp. 70–76. Tests in other sections of the bibliography will also be found appropriate for these subjects.

464. **Mental Tests of Backward Children**, by A. R. Abelson. Ref: Abelson, A. R. The measurement of mental ability of "backward" children. BrJPs, 1911, 4, 268–314.

465. **Mental Deterioration Scales**, by H. Babcock. Chicago: C. H. Stoelting Co. Ref: (1) Babcock, H. An experiment in the measurement of mental deterioration. ArPs, 1930, 18, No. 117. (2) Babcock, H. Dementia praecox. Lancaster, Pa.: Science Press, 1933. (3) Wittman, P. The Babcock deterioration test in state hospital practice. JAbSoPs, 1935, 28, 70–83.

466. **Series of Tests for Unstable Subjects**, by W. Cimbal. Ref: Cimbal, W. Taschenbuch zur Untersuchung nervöser und psychischer Krankheiten. Berlin: Springer, 1918. Third edition.

467. **Examination of the Mental Condition of General Paretics**, by H. Claude and P. Masquin. Ref: Claude, H., and Masquin, P. L'examen du fonds mental des paralytiques généraux par la methode des tests. Annales Médico-Psychologique, 1933, 91, 173–184.

468. **Questionnaire for the Study of Abnormal Children**, by O. Decroly. Ref: Decroly, O. Questionnaire pour l'examen des enfants irréguliers. Journal de Neurologie, 1913, 18, 201–208.

469. **Group Tests for Illiterates**, by E. A. Doll. Ref: Doll, E. A. Three group tests for illiterates. TrSchB, 1926, 22, 122–129.

470. **Tests for Defective Delinquents**, by G. G. Fernald. (Includes Ethical Discrimination Test, Evaluation of Offenses, etc.) Ref: Fernald, G. G. The defective delinquent class differentiating tests. AmJIn, 1912, 68, 523–593.

471. **Intelligence Tests for Mild Forms of Feeblemindedness**, by S. Fischer. Ref: Fischer, S. Die Intelligenz und ihre Prüfung bei leichten Schwachssinnsformen. Berlin: Springer, 1933. Also: ZNPsychiat, 1925, 97, 53–105.

472. **New Questionnaire for Examination of Defectives**, by G. Francia and G. C. Ferrari. Ref: Francia, G., and Ferrari, G. C. L'esame psicologico sommaria dei deficenti. Rivista di Psicologia, 1912, 8, 270–288.

473. **Goddard's Tests for the Grading of Backward Children**, by H. H. Goddard. Chicago: C. H. Stoelting Co.

474. **Translation of the de Sanctis Tests**, by H. H. Goddard. Ref: Goddard, H. H. Translation of the de Sanctis Tests. TrSch, 1908, 5.

475. **Tests of Dementia**, by B. Hart and C. E. Spearman. Ref: Hart, B., and Spearman, C. E. Mental tests of dementia. JAbPs, 1914, 9, 217–264.

476. **Tests for Backward and Feebleminded Children**, by E. B. Huey. Ref: Huey, E. B. A syllabus for the clinical examination of children. Baltimore: Warwick and York, 1912.

477. **Psychological Experiments with Disordered Persons**, by J. McV. Hunt. Ref: Hunt, J. McV. Psychological experiments with disordered persons. PsBul, 1936, 33, 1–58.

478. **A Test of Mental Instability**, by D. J. Ingle. Ref: Ingle, D. J. A test of mental instability. JApPs, 1934, 18, 252–263.

479. **Kent-Shakow Clinical Group Tests**, by G. H. Kent and D. Shakow. Ref: Kent, G. H., and Shakow, D. Group tests for clinical studies. JGenetPs, 1928, 35, 595–618.

480. **Tests of Repeaters,** by H. Lämmermann. Ref: Lämmermann, H. Eine Testsprüfung von Repetenten der untersten Schuljahre. ZPädPs, 1925, 26, 485–505.

481. **Non-Scholastic Tests for Backward Pupils,** by M. MacTaggart. Ref: MacTaggart, M. Non-scholastic tests for backward pupils. Forum of Ed., 1927, 5, 102–112.

482. **Mental Tests for Brain Injury Cases,** by W. Mayer-Gross and E. Guttmann. Ref: Mayer-Gross, W., and Guttmann, E. Schema for the examination of organic cases. Journal of Mental Science, 1937, 83, 440–451.

483. **Intelligence Tests for Backward and Feebleminded Children,** by N. Norsworthy. Chicago: C. H. Stoelting Co., 1906. Ref: Norsworthy, N. The psychology of mentally deficient children. ArPs, 1906, No. 1.

484. **Tests of Feeble-Minded Children,** by L. F. Ordahl and G. Ordahl. Ref: Ordahl, L. F., and Ordahl, G. Qualitative differences between levels of intelligence in feeble-minded children. JPsAasthMSup, 1915, 1, No. 2, 1–50.

485. **Page Questionnaire of Schizophrenic Traits,** by J. Page, C. Landis, and S. E. Katz. Ref: Landis, C., Zubin, J., and Katz, S. E. Empirical evaluation of three personality adjustment inventories. JEdPs, 1935, 26, 321–330. Also: Page, J., Landis, C., and Katz, S. E. Schizophrenic traits in the functional psychoses and in normal individuals. AmJPsychiat, 1934, 13, 1213–1225.

486. **Trainability of Defectives Classification Sheet,** by S. D. Porteus. Ref: Porteus, S. D. Trainability of defectives classification sheet. TrSchB, 1920, 16, 180–184.

487. **Practical Information Test for Delinquents and Illiterates,** by S. L. Pressey and I. M. Shiveley. Ref: Pressey, S. L., and Shiveley, I. M. A practical information test for use with delinquents and illiterate adults. JApPs, 1919, 3, 374–380.

488. **Tests of Reformatory Women,** by E. Rowland. Ref: Rowland, E. Reports on experiments at the State Reformatory for Women at Bedford, N. Y. PsR, 1913, 20, 245–249.

489. **A Test Blank for the Selection of Dull Children,** by F. Schlotte. Ref: Schlotte, F. Testheft für die Auslese der Minderbegabten. PdPsArb, 1931, 19, 56.

490. **The Measurement of Mental Deterioration,** by C. A. Simmins. Ref: Simmins, C. A. The measurement of mental deterioration. BrJMedPs, 1934, 14, 113–120. Also: Simmins, C. A. Deterioration of "g" in psychotic patients. JMentalSci, October, 1933.

491. **Rapid Method of Discovering the Mentally Retarded,** by T. Simon. Ref: Simon, T. Méthode rapide de dépistage des arriérés intellectuels. BuSocBinet, 1932, 33, 1–25. Also: Simon, T. Note complémentaire relative à la méthode rapide de dépistage des arriérés intellectuels. BuSocBinet, 1934, 35, 28–32.

492. **Tests for the Selection of Deficient Children,** by Institut des Leipziger Lehrervereins. Ref: Schlag, J. Zum Testhefte für die Auslese der Minderbegabten. PdPsArb, 1931, 19, 5–38.

493. **Test Series,** by W. Von Bechterew and S. Wladyczko. Ref: Bechterew, W. Von, and Wladyczko, W. Beitrage zur Methodik der objectiven Untersuchung von Geisteskranken. ZPst, 1911, 3, 87–109.

494. **Scheme for Examination of Insane Cases,** by W. A. White. Ref: White, W. A. Scheme for a standard minimum examination of mental cases for use in hospitals for the insane. AmJIn, 1910, 67, 17–24.

495. **A Scale for Clinical Diagnosis of Psychotic Patients,** by J. Zubin. Ref: Zubin, J. A tentative scale for clinical diagnosis of psychotic patients. PsBul, 1934, 31, 641.

TESTS FOR CHILDREN WITH SENSORY DEFECTS

See also: Performance Tests, Formboards and Mazes, pp. 70–76. Tests in other sections of the bibliography will also be found appropriate for these subjects.

496. **Tests for Children with Sensory Defects,** by J. Bappert. Ref: Bappert, J. Grundsätzliches zur Aufstellung von Staffeltests für Nichtvollsinnige. ZAngPs, 1922, 20, 259–282. Also: Bappert, J. Zur qualitativen Bewertung der Zeichentests von Binet-Simon. ZAngPs, 1923, 21, 259–282.

497. **An Adaptation of the Binet-Simon Tests for the Blind,** by K. Bürklen. Ref: Bürklen, K. Die Anwendung der Binet-Simon-Methode zur Intelligenzprüfung blinder Kinder. Zeitschrift für die osterreiche Blindenwesen, 1918, 5.

498. **Tests for Speech and Speech Reading for the Deaf,** by H. E. Day and I. S. Fusfeld. Ref: Day, H. E., Fusfeld, I. S., and Pintner, R. A survey of American schools for the deaf. Washington, D. C.: National Research Council, 1928.

499. **A Point Scale for the Blind,** by M. Drummond. Ref: Drummond, M. A point scale for the blind. Edinburgh Medical Journal, 1926.

500. **Columbus Point Scale for the Blind,** by T. H. Haines. Ref: Haines, T. H. Mental measurements of the blind. PsM, 1916, No. 89.

501. **Achievement Tests for the Blind,** by S. P. Hayes. Courtis Arithmetic, Nassau County supplement to the Hillegas Scale for measuring the quality of English composition, Freeman writing test. Ref: (1) Hayes, S. P. Self-surveys in schools for the blind. Pennsylvania Institute for the Instruction of the Blind. (2) Hayes, S. P. Self-surveys in schools for the blind: a manual for the guidance of teachers. Outlook for the Blind, 1921, 15, 1–57. (3) Hayes, S. P. The measurement of educational achievement in schools for the blind. Teachers Forum, 1937, 9, 82–90.

502. **Reading Tests for the Blind,** by S. P. Hayes. Ref: Hayes, S. P. Report of preliminary tests in reading. Publication of the Pennsylvania Institute for the Instruction of the Blind, 1918, No. 1.

503. **Revision of the Stanford-Binet Test for the Blind,** by S. P. Hayes. Ref: Hayes, S. P., and Irwin, R. B. Condensed guide for the Stanford Revision adapted for use with the blind. South Hadley, Mass.: Mt. Holyoke College, 1923. Also, Hayes, S. P. Terman's condensed guide for the Stanford Revision adapted for the blind. Watertown, Mass.: Perkins Institute for Blind, 1930.

504. **Adaptation of the Binet Scale for Deaf Mutes,** by D. Herderschêe. Ref: Herderschêe, D. Tests für taubstumme Kinder. ZAngPs, 1920, 16, 40–62.

505. **A Standardized Spanish Test for Use with Blind Pupils,** by B. F. Holland. Ref: Holland, B. F. A standardized Spanish test for use with blind pupils. Teachers Forum (Blind), 1935, 8, 8–12.

506. **Adaptation of the Goddard Revision of the Binet Tests for the Blind,** by R. B. Irwin. Ref: Cornell, A. E. Gauging the minds of the blind. Technical World Magazine, 1915.

507. **Lip-Reading Tests,** by H. D. Kitson. Ref: Kitson, H. D. Psychological tests for lip-reading ability. Volta Review, 1915, 17, 471–476.

508. **Adaptation of Gray Oral Reading Tests and the Reading and Spelling Tests in the Stanford Achievement Tests, Forms A and B,** by K. E. Maxfield, Ref: Maxfield, K. E. Adaptation of educational tests for use with blind pupils. New York: American Foundation for the Blind, 1927.

509. **Use of Miles High Relief Finger Maze with Blind Children,** by R. V. Merry and F. K. Merry. Ref: Merry, R. V., and Merry, F. K. The finger maze as a supplementary test of intelligence for blind children. JGenetPs, 1934, 44, 227–230.

510. **Seashore Music Tests Adapted for Use With Blind,** Ref: Merry, R. V. Department of special studies: adapting the Seashore musical talent tests for use with blind pupils. Teachers Forum, 1931, 3, 15–19.

511. **Achievement Tests for the Blind,** by the Perkins Institute and Massachusetts School for the Blind, Watertown, Mass. (Includes first six of Wisconsin Inventory Tests in Fundamental Processes in Arithmetic, Stevenson Arithmetic Reading Test 1, Form 2 (Problem Analysis), Monroe Reading Tests 1 and 2, and Stories A, B and C of the Wilson Language Error Tests.)

512. **An Adjustment Inventory for Use in Schools for the Deaf,** by R. Pintner and L. Brunschwig. American Annals of the Deaf, 1937, 82, 152–167.

513. **Adaptation of Rossolimo Method for Deaf Mutes,** by S. Rabinovitch. Ref: Rabinovitch, S. Sur la question de l'examen de l'intelligence chez les sourds-muets. (in Russian). Recueil consacré à Rossolimo, p. 724–732.

514. **Adaptation of Otis Classification Test, Form A, Part II, for Use with Blind Children,** by R. F. Sargent Ref: Sargent, R. F. The Otis Classification Test, Form A, Part II, adapted for use with classes of blind children. Teachers Forum (Blind), 1931, 4, 30–33.

515. **Binet Revision for London with Suggestions for Modification for the Blind.** Ref: Shrubsall, F. C., and Williams, A. C. Mental deficiency practice. London: University of London Press, 1932, 86–91.

516. **Scale of Intelligence Tests for the Deaf,** by A. C. Williams. Ref: Tredgold, A. F. Mental deficiency. New York: William Wood and Co., 1929. Fifth Edition.

517. **Scale of Intelligence Tests for the Blind,** by A. C. Williams. Ref: Tredgold, A. F. Mental deficiency. New York: William Wood and Co., 1929. Fifth Edition.

See also addenda, Test 4235.

MENTAL ABILITY AND APTITUDE TESTS, GENERAL AND UNCLASSIFIED

518. **Series of Mental Tests**, by J. Abramson. Both group and individual tests. Ref: Abramson, J. Recherches sur les fonctions mentales de l'enfant à l'âge scolaire. AnPs, 1921, 22, 184–220. Also: Abramson, J. Le profil mental de l'enfant. L'Hygiène Mentale, 1928, 23, 138–158.

519. **Arthur-Woodrow Point Scale**, by G. Arthur and H. Woodrow. Ref: Arthur G., and Woodrow, H. An absolute intelligence scale: a study in method. JApPs, 1919, 3, 118–137.

520. **Detroit Tests of Learning Aptitude**, by H. J. Baker and B. Leland. Range: separate tests for ages 3 through adult. Bloomington, Ill.: Public School Publishing Co., 1935.

521. **New Application of the Method of Rossolimo**, by K. Bartsch. Nine tests of attention, forty-one tests of memory and eighteen tests for association. Ref: Bartsch, K. Binet-Rossolimo. ZAngPs, 1921, 18, 111–115. Also: Bartsch, K. Das psychologische Profil. Halle: C. Marhold, 1926.

522. **Intelligence Tests**, by J. Beltz. Ref: Graf, O. Zur Frage der Konstanz bei Intelligenzprüfung nach verscheidenen Prüfungssystemen. PsteZ, 1932, 7, 84–88.

523. **Twelve Mental Tests**, by M. E. Bicherstreth. Ref: Bicherstreth, M. E. The application of mental tests to children of various ages. BrJPs, 1917, 9, 23–73.

524. **Standardization of Otis Intelligence Tests for Polish Use**, by B. Biegeleisen. Ref: Biegeleisen, B. Normalizacja testow inteligencji Otisa dla mlodziezy. Psychometrja, 1935, 2, 209–235.

525. **Series of Mental Tests**, by A. Binet and V. Henri. Ref: Binet, A., and Henri, V. La psychologie individuelle. AnPs, 1895, 411–463.

526. **Series of Intelligence Tests**, by O. Bobertag. Ref: Bobertag, O. Bericht über die Fahigkeitsprüfung der Schüler der Unterstufe am Arndt-Gymnasium in Dahlem. ZPädPs, 1920, 21.

527. **Intelligence Tests of School Children**, by A. P. Boltunov. Range: ages six through eighteen. Ref: Boltunov, A. P. [Measurements of intelligence in school children.] Leningrad: Seyatel, 1929.

528. **Boody Scale**, by B. M. Boody. Group and individual tests. Ref: Boody, B. M. A psychological study of immigrant children at Ellis Island. Mental Measurements Monograph, 1926, No. 3.

529. **Brazilian Standardization of the Dearborn Test Series I, Examination A.** Ref: Rudolfer, N. S. A afericão do teste Dearborn, Series I, Exame A, Pelo Laboratorio de Psychologia de Instituto de Educacão. Arch. Inst. Educ., São Paulo, Brazil, 1935, 1, 74–159.

530. **Drawing a Man**, by C. Burt. Ref: Burt, C. Mental and scholastic tests. London: P. S. King and Son, 1921.

531. **California Tests of Mental Maturity**, by E. T. Sullivan, W. W. Clark, and E. W. Tiegs. Range: Pre-Primary Battery, kindergarten and grade 1; Primary Battery, grades 1–3; Elementary Battery, grades 4–8; Advanced Battery, grades 7–12. Hollywood, Calif.: Southern California School Book Depository, 1936.

532. **Institute of Educational Research C A V D Tests.** Completions, arithmetic, vocabulary, following directions. Range: nursery school through university. New York: Bureau of Publications, Teachers College, Columbia University, 1926. (Not for general distribution).

533. **Chicago Non-Verbal Examination,** by A. W. Brown, et al. Range: age 7 through adult. Chicago: A. W. Brown, Institute for Juvenile Research, 907 S. Wolcott St., 1936.

534. **Tests of Aptitude,** by E. Claparède. Ref: Claparède, E. Percentilage de quelques tests d'aptitude. ArPs (-f), 1919, 17, 313–324.

535. **The George Combe Psychological Examination.** Edinburgh, Scotland: Psychological Department of Edinburgh University.

536. **Graduated Scale for Determining Mental Age,** by C. B. Cornell. Ref: Cornell, C. B. A graduated scale for determining mental age. JEdPs, 1917, 8, 539–549.

537. **Pictorial Tests,** by C. M. Davey. Ref: Davey, C. M. Comparison of group verbal and pictorial tests of intelligence. BrJPs, 1926, 17, 27–48.

538. **Scale of Mental Tests,** by S. de Sanctis. Ref: de Sanctis, S. Types et degrés d'insuffisance mentale. AnPs, 1906, 12, 70–83. Also: de Sanctis, S. Mental development and the measurement of the level of intelligence. JEdPs, 1911, 2, 498–507.

539. **Detroit Rate of Action Test.** Form A. Motor Activity. Form B. Mental Activity. Detroit, Mich.: Detroit Public Schools.

540. **International Group Mental Tests,** by S. C. Dodd. Princeton, N. J.: Princeton University Store, 1926. Ref: Dodd, S. C. A statement concerning research on an intelligence scale for international use. Princeton, N. J.: Princeton University Store, 1926.

541. **Kelvin Tests of Intelligence,** by C. M. Fleming. Glasgow: Robert Gibson and Sons. Ref: Fleming, C. M. Individual work in the primary school. London: G. G. Harrap Co., 1934.

542. **Mental Examinations,** by S. I. Franz. Ref: Franz, S. I. Handbook of mental examination methods. New York: Macmillan Co., 1919.

543. **Auditory Tests for Group Measurement of General Intelligence,** by I. M. Gast. Ref: Skinner, H. C., Gast. I. M., and Skinner, C. E. Readings in educational psychology. New York: D. Appleton Century Co., 1926, 219–238.

544. **Mental Tests,** by J. A. Gilbert. Ref: Gilbert, J. A. Researches on the mental and physical development of school children. Studies of Yale Psychological Laboratory, 1894, 2, 40–100. Also UnIowaSPs, 1897, 1, 1–39.

545. **Native Intelligence Test,** by A. Giraud. Ref: Giraud, A. Étude d'un procédé nouveau pour la mesure du niveau intellectuel. BuSocEtPsEnf, 1911, 11, 156–169.

546. **Tests for Measuring Intellectual Abilities,** by F. S. Goanga, A. Rosca, and S. Cupcea. Ref: Goanga, F. S.; Rosca, A.; and Cupcea, S. Tests pentru masurarea functiunilor mintale. Cluj, Rumania: Psychological Institute, University of Cluj, 1935.

547. **Drawing a Man,** by F. L. Goodenough. Ref: Goodenough, F. L. The measurement of intelligence by drawings. Yonkers, N. Y.: World Book Co., 1926.

548. **Michigan Non-Verbal Series,** by E. B. Greene. Range: age 8 to superior adult. Ann Arbor, Mich.: E. B. Greene, University of Michigan, 1937.

549. **Mental and Physical Tests,** by G. Guiccardi and G. C. Ferrari. 1896. Ref: Guiccardi, G., and Ferrari, G. C. I testi mentali per l'esame degli alienati. Rivista sperimentale di freniatria, 1896, 22, 297–314.

550. **Haberman's Intelligence Examination,** by J. V. Haberman. New York: Fetzer Press. Ref: Haberman, J. V. The intelligence examination and evaluation and a new intelligence sheet. JAmMedAssoc, 1915, 65, 399–404. Also: Haberman, J. V. The intelligence examination and evaluation. PsR, 1916, 23, 352–379, 484–500.

551. **Healy-Fernald Tests,** by W. Healy and G. M. Fernald.
   1. Introductory Picture Form Board.
   2. Special Picture Puzzle.

3. Construction Puzzle (A).
4. Construction Puzzle (B).
5. Puzzle Box.
6. "Aussage" or Testimony from Picture Test.
7. Visual Memory of Geometric Pictures (Binet and Simon).
8. Learning Test—Arbitrary Association.
9. Cross Line Test (A).
10. Cross Line Test (B).
11. Code Test.
12. Memory from Visual-Verbal Presentation.
13. Memory from Auditory-Verbal Presentation.
14. Instruction Box (modification of J. W. Hayes Instruction Box).
15. Association of Verbal Opposites.
16. Motor Coordination Test (Tapping Test).
17. Writing.
18. Arithmetic.
19. Reading.
20. Checkers.
21. Reactions to Moral Questions (after F. C. Sharp).
22. Information.

Numbers 1, 3, 4, 5 (with Hayes); 6 (with Bronner); 8, 9, 10, 11, 12, 13, 14, 15, 16, 20, and 22 can be obtained from C. H. Stoelting Co., Chicago. Ref: Healy, W., and Fernald, G. M. Tests for practical mental classification. PsM, 1911, 13, No. 54.

552. **Test Material Based on Experiences Common to Three Indian Tribes**, by V. Helma. Ref: Schwesinger, G. C. and Schieffelin, B. Mental tests and heredity. New York: Galton Publishing Co., 1930, p. 49. Also: Helma, V. Experiment with test material based on experiences common to three Indian tribes. Lawrence, Kansas: Unpublished Thesis, University of Kansas.

553. **A Test of General Intelligence Involving the Use of Levers**, by A. Hermann-Cziner and I. Hermann. Ref: Hermann-Cziner, A., and Hermann, I. Der Hebelprinzipversuch als Intelligenzprobe. ZAngPs, 1926, 26, 471–487.

554. **Individual Non-Language Intelligence Examination**, by J. P. Herring. Trenton, N. J.: Division of Education and Classification, New Jersey Department of Institutions and Agencies, 1925.

555. **Intelligence Tests**, by G. Heymans and H. J. F. W. Brugmans. Ref: Heymans, G., and Brugmans, H. J. F. W. Intelligenzprüfungen mit Studierenden. ZAngPs, 1913, 7, 317–331.

556. **Individual Psychological Tests**, by M. Holub. Ref: Holub, M. Individual-psychologische Tests. InstZIndPs, 1932, 10, 59–71.

557. **International Intelligence Test**, by Center for Psychological Service. Range: grade four through high school. Washington, D. C.: Center for Psychological Service. Ref: Hunt, T. Measurement in psychology. New York: Prentice-Hall, 1936, p. 97–101.

558. **Jaederholm Classification Test**, by G. A. Jaederholm. Ref: Weisenburg, I., and McBride, K. A. Aphasia. New York: Commonwealth Fund.

559. **Motion Picture Tests**, by H. E. Jones, H. Conrad and A. Horn. Ref: Jones, H. E., Conrad, H., and Horn, A. Psychological studies of motion pictures. Berkeley, Calif.: University of California Publications in Psychology, 1928,

560. **Test Series**, by O. Karstädt. Ref: Karstädt, O. Zur Schaffung von Paralleltests. 3, No. 6, 225–243.
ZAngPs, 1918, 13, 305–353.

561. **Intelligence Tests**, by G. H. Kent and D. Shakow. Chicago: C. H. Stoelting Co., 1925, 1934. Ref: Kent, G. H. Written tests for the clinic. JGenetPs, 1934, 44, 49–68. (Both original and revised tests available.)

562. **Kent E-G-Y Test.** An Oral Test for Emergency Use in Clinics. Range: ages 6–14. Baltimore: Williams and Wilkins, 1932. Also, New York: Psycho-

logical Corporation. Ref: Elwood, M. I., Burchard, E. M. L., and Teagarden, F. M. An evaluation of the Kent Oral Emergency Test. JApPs, 1937, 21, 75–84.

563. **Group Mental Test for Children and Adults (Japanese)**, by H. S. Kirihara. Ref: Rodokwagaku-kenyu, 1928, 5, No. 4. Also: Kirihara, H. General intelligence test and its norm. Rep. Inst. Sci. Labour, Kurasiki, 1934, No. 25, 1–22.

564. **Revision of the Rossolimo Tests**, by V. Kovarsky. Ref: Kovarsky, V. Le mesure des capacities psychiques. Paris: Alcan, 1927.

565. **Intelligence Tests of School Children in Sendai Province**, by M. Kuribayan. Ref: Kuribayan, M. (Intelligence tests of school children in Sendai Province). Tohoku Psychologica Folia, 1934, 1, 169–234.

566. **Intelligence Test**, by J. M. Lahy. Ref: Lahy, J. M. Un test d'intelligence logique. Étude et mise au point. Comptes rendus, IVe Conférence Internationale de psycho-technique, October 1927. Paris: Alcan.

567. **A Scale of Group Tests for Pupils from Eight to Twenty-four Years of Age**, by H. Lämmermann. Ref: Lämmermann, H. Bericht über die Eichung einer Serie von Gruppentests für 8–14 jährige Volksschüler. ZAngPs, 1926, 27, 1–41.

568. **Clinical Tests of Mental Capacities and School Learning**, by E. Lazar and F. Tremel. Ref: Lazar, E., and Tremel, F. Die klinischpädagogische Auswertung der Ergebnisse von Prüfungen bei Hilfsschulkindern. ZKi, 1922, 32, 54–104.

569. **Method of Determining Mental Age during the Physical Examination**, by D. M. Levy. Ref: Levy, D. M. A method of determining the mental age during the physical examination. ArNeuPsychiat, 1924, 11, 669–673.

570. **Group Intelligence Tests (Chinese)**, by S. C. Liao. Shanghai, China: Commercial Press, 1925.

571. **Revised Minnesota Paper Form Board Test**, by R. Likert, and W. H. Quasha. Range: ages 9 and over. New York: Psychological Corporation, 1933. Chicago: C. H. Stoelting Co. Ref: Likert, R. A multiple-choice revision of the Minnesota Paper Form Board Test. PsBul, 1934, 31, 674. Also: Quasha, W. H., and Likert, R. The revised Minnesota paper form board test. JEdPs, 1937, 28, 197–204.

572. **Intelligence Test Series**, by O. Lipmann. Ref: Lipmann, O. Intelligenzmessung zum Problem der schulischen Differenzierung. Methodologische und experimentelle Beitrage. ZAngPs, 1918, 13, 354–391.

573. **Non-Verbal Tests for Use in China**, by H. C. Liu. Ref: Liu, H. C. Nonverbal tests for use in China. TCConEd, 1922, No. 126.

574. **Series of Group Tests of Intelligence**, by M. Lobsien. Ref: Lobsien, M. Intelligenzprüfung auf Grund von Gruppenbeobachtungen. Aktuelle Fragen aus der Pädogogie der Gegenwart 8. Langensalza, Germany: Beltz, 1914.

575. **Test Series**, by H. Manig. Ref: Manig, H. Testprüfung und Lehrerbeurteilung angewandt auf die Kinder einer Schulklasse. BhZAngPs, 1925, 34, 93–145.

576. **Preliminary Classification Test for Standards Three to Twelve**, by J. C. Manry. Hindu, Urdu and English editions. Allahabad, India: Ewing Christian College, 1923, 1930.

577. **Brightness Test**, by W. A. McCall. Range: grade 3 to college. New York: Laidlaw Brothers, 1936.

578. **Oral Group Scale for Measuring General Ability**, by C. R. McRae. Sydney, Australia: Whitcombe and Tombs, 1930.

579. **Intelligence Tests**, by E. Meumann. Ref: Meumann, E. Intelligenz Prüfungen bei Kindern der Volksschule in Zürich. ExPäd, 1905, 1, 35–100. Also: Meumann, E. Über eine neue Methode der Intelligenz Prüfungen und über den Wert der Kombinations-methoden. ZPädPs, 1912, 13, 145–163.

580. **Myers Mental Measure**, by C. E. Myers and G. C. Myers. Range: kindergarten to university. New York: Newson and Co., 1920.

581. **National Non-Verbal Tests.** Ref: Allen, F. J. Practice in vocational guidance. New York: McGraw-Hill Book Co., 1927, p. 153.

582. **Intelligence Tests**, by A. Netschajeff. Ref: Netschajeff, A. A new method for the investigation of intelligence. JExPed, 1917, 4, 136–144.

583. **New York State Board of Charities Mental Tests.** Chicago: C. H. Stoelting Co. Ref: New York State Board of Charities. Eugenics and Social Welfare Bulletins No. 5 and 8, "Eleven Mental Tests Standardized", and "Performance Norms for Thirteen Tests."

584. **Mental Tests**, by A. Oehrn. Ref: Oehrn, A. Experimentelle Studien zur Individualpsychologie. Psychologischen Arbeiten, 1896, 1, 92–152.

585. **General Intelligence Test for Africans**, by R. A. C. Oliver (Non-language test). Nairobi, Kenya Colony, Africa: Government Printer, 1932. Ref: Oliver, R. A. C. The adaptation of intelligence tests to tropical Africa. Oversea Education, 1933, 4, 186–191; 5, 8–13. Also: Oliver, R. A. C. Mental tests on the study of the African. Africa, 1934, 7, 40–46.

586. **Non-Language Tests**, by L. J. O'Rourke. Washington, D. C.: Educational and Personnel Publishing Co., 1924. Ref: Schieffelin, B., and Schwesinger, G. C. Mental tests and heredity. New York: Eugenics Publishing Co., 1930, p. 230.

587. **Group Intelligence Test**, by H. Otto. Ref: Otto, H. Über die Begabtenauslese von der Grundschule zur höheren Schule. ZAngPs, 1931, 40, 369–492.

588. **Intelligence Tests**, by J. H. Parker-Oxspring. Plymouth, England: England Education Authority.

589. **Rating Scale of Intelligence**, by K. Pearson. Ref: Pearson, K. Relationship of intelligence to size and shape of head. Biometrika, 1906, 5, 105–146.

590. **Norwegian Revision of the Dearborn Group Tests of Intelligence**, by M. Pedersen. Range: grades 1–3. Ref: Pedersen, M. Le test de Dearborn appliqué à des écoliers norvégiens. ArPs(-f), 1931, 23, 179–188.

591. **Non-Language Perceptual Tests**, by the Research Department of the Royal Eastern Counties' Institution. Range: age 3 through adult. Colchester, England: L. S. Penrose, Research Department, The Royal Eastern Counties' Institution Ltd., 1937.

592. **Tests of Aptitude**, by H. Piéron. Ref: Piéron, H. Étude psychotechnique de quelques tests d'aptitude. AnPs, 1922, 23, 144–175.

593. **A French Standardization of the Barcelona Test**, by H. Piéron. Ref: Piéron, H. L'étalonnage français du test de Barcelone. AnPs, 1928, 29, 113–141.

594. **Point Scale Examination**, by R. Pintner. Ref: Pintner, R., and Toops, H. A. Mental tests of unemployed men. JApPs, 1918, 2, 15–25.

595. **Intelligence Tests**, by C. Rieger. Ref: Rieger, C. Beschreibung der Intelligenzstörungen in Folge einer Hirnverletzung nebst einem Entwurfe zu einer allgemein verwendbaren Methode der Intelligenzprüfung. Wurzburg, Germany, 1889.

596. **Intelligence Tests**, by G. Ries. Ref: Ries, G. Beiträge zur Methodik der Intelligenzprüfung. ZPs, 1910, 56, 321–343.

597. **Scale for Measurement of Intelligence in Children 4–14 Years of Age**, by A. Rosca. Ref: Rosca, A. Cercetari asupra inteligentei (Researches on intelligence). Cluj, Rumania: Tipografia Nationala, 1929. Also: Rosca, A. Masurarea inteligentei si debilitatea mintala (Measurement of intelligence and mental debility). Cluj, Rumania: Psychological Institute, University of Cluj, 1930.

598. **Psychological Profile**, by G. Rossolimo. Ref: Rossolimo, G. Die psychologischen Profile. Zur Methodik der quantitativen Untersuchung der psychischen Vor-

gänge in normalen und pathologischen Fällen. KlPs, 1911, 6, 249–326; 1921, 7, 22–26. Also: Rossolimo, G. Berichtigungen und Ergänzungen zur Methodik der Untersuchung der "Psychologischen Profile," KlPs, 1913, 8, 185–189.

599. **Series of Questions for Intelligence Testing**, by F. Schulhof. Ref: Schulhof, F. Intelligenzprüfung. ZNPsychiat, 1915, 28, 276–291.

600. **A Short Oral Group Intelligence Test**, by R. S. Schultz and G. S. Macvaugh. Ref: Schultz, R. S., and Macvaugh, G. S. A short oral group intelligence test. SchSoc, 1934, 40, 639–640.

601. **Series of Ten Tests**, by H. Schuszler and W. Schwarzhaupt. Ref: Schuszler, H., and Schwarzhaupt, W. Die pädagogische und experimentell-psychologische Auslese der Begabten für die Übergangsklasse II in Frankfurt a.M. ZPädPs, 1921, 22, 188–195.

602. **Aptitude Tests**, by A. Schwarig. Ref: Schwarig, A. Zwei Begabungsprüfungen. ZPädPs, 1922, 23, 430–441.

603. **Scovill Manufacturing Company Paper Form Board Test.** Waterbury, Conn.: Scovill Manufacturing Co.

604. **Series of Non-Verbal Tests.** Ref: Shrubsall, F. C., and Williams, A. C. Mental deficiency practice. London: University of London Press, 1932, 123–127.

605. **Group Mental Test (Test Collectif P-V)**, by T. Simon. Ref: Decroly, O., and Buyse, R. La pratique des tests mentaux. Paris: Alcan, 1928, 385–386. Also, Frickx, J. Le test P-V du Dr. Simon (IIe Partie). Brussels: BuInNatProf, 1930, 9, 22–34.

606. **Physical and Mental Tests Standardized for South African Conditions**, by P. Skawran. Ref: Skawran, P. Manual of physical and mental tests, standardized for South African conditions. Part II. Intelligence tests. Johannesburg, Union of South Africa: Stich, 1933.

607. **Series of Intelligence Tests**, by R. Sommer. Ref: Sommer, R. Über die Methoden der Intelligenzprüfung. KlPs, 1912, 7, 1–21.

608. **Oral Group Test**, by C. E. Spearman. Ref: Davey, A. M. Comparison of group verbal and pictorial tests of intelligence. BrJPs, 1926, 17, 27–48.

609. **Steggerda Scale (Mixed)**, by M. Steggerda. Ref: Davenport, C. B. Do races differ in mental capacity? Human Biology, 1929, 1, 70–89.

610. **Intelligence Tests**, by W. Stern. Ref: Stern, W. Höhere Intelligenz Tests zur Prüfung Jugendlicher. ZPädPs, 1918, 19, 65–100.

611. **Revision of Rossolimo's Mental Test**, by H. C. Stevens. Chicago: C. H. Stoelting Co. Ref: Parker, B. The psychograph of Rossolimo. AmJIn, 1916, 73, 273–293.

612. **Omaha Group Test of Intelligence**, by P. R. Stevenson. Ref: Stevenson, P. R. Omaha group test of intelligence. JEdPs, 1921, 12, 103–108.

613. **A Tentative Scale for Measuring General Intelligence by Non-Language Tests**, by K. Tanaka. Ref: Tanaka, K. [A tentative scale for measuring general intelligence by non-language tests.] JapJPs, 1934, 9, 923–951.

614. **Test of Mental Development (Test collectif de developpement mental).** Range: Series I—ages 10–15; Series II—adult. Nancy, France: Soc. d'Impression Typographiques, 1926.

615. **Tests Independent of Language**, by E. L. Thorndike. Ref: Thorndike, E. L. A standardized group examination of intelligence independent of language. JApPs, 1919, 3, 13–32.

616. **Series of Mental Tests**, by E. Toulouse, N. Vaschide, and H. Piéron. Ref: Toulouse, E., Vaschide, N., and Piéron, H. Technique de psychologie expérimentale. Paris: Octave Doin, 1904.

617. **Trabue Mentimeters**, by M. R. Trabue and F. P. Stockbridge. Range: all grades through college. Garden City, N. Y.: Doubleday Doran and Co., 1920.

618. **Non-verbal Tests,** by J. Vabalaz-Gudaitas. Range: ages six to adult. Ref: Vabalaz-Gudaitas, J. Ein einheitliches stummes Testsystem zur Bewertung von naturlichen Leistungen nach dem chronometrischem Prinzip. University of Lithuania, Volume 5, 1929.

619. **Psychological Profile,** by G. Vermeylen. Ref: Vermeylen, G. L'examen psychographique de l'intelligence. Antwerp: Stockmans. Also: Bradway, K. P. and Hoffeditz, E. L. The basis for the personal constant. JEdPs, 1937, 28, 501–513.

620. **Victorian Teachers College Oral Group Test.** Ref: Whiteoak, L. J., and Cunningham, K. S. Education Gazette, November, 1928. (New South Wales, Australia)

621. **Improvement Tests,** by J. E. W. Wallin. For measuring the rate of mental growth and improvement. Chicago: C. H. Stoelting Co.

622. **Multiple Choice Test,** by E. R. Wembridge and P. Gabel. Ref: Wembridge, E. R., and Gabel, P. Multiple choice experiment applied to school children. PsR, 1919, 26, 294–299.

623. **Mental Tests,** by M. T. Whitley. Ref: Whitley, M. T. An empirical study of certain tests for individual differences. ArPs, 1911, No. 19.

624. **Series of Mental Tests,** by O. Wiegmann. Includes: cube test, number series, comprehension questions, Aufgabe, analogie, completions, and three word test. Ref: Wiegmann, O. Beiträge zur Methodologie der Intelligenzprüfung Untersuchungen an kriminellen und nichtkriminellen Jugendlichen. ZAngPs, 1929, 32, 1–101.

625. **Psychological Tests of Mental Abilities,** by A. S. Woodburne. Madras, India: University of Madras, 1924.

626. **Cincinnati Vocational Bureau Tests,** by H. T. Woolley and C. R. Fischer. Ref: Woolley, H. T., and Fischer, C. R. Mental and physical measurements of working children. PsM, 1914, 18, No. 1. Also: Woolley, H. T. A new scale of mental and physical measurements for adolescents. JEdPs, 1915, 6, 521–550.

See also addenda, tests 4234, 4259, 4272.

627. **Series of Mental Tests,** by T. Ziehen. Ref: Ziehen, T. Die Prinzipien und Methoden der Intelligenzprüfung. Berlin: S. Karger, 1897.

The following items have incomplete references or are not available:

628. **Chicago Group Intelligence Tests,** by F. N. Freeman and H. O. Rugg. Information from H. O. Rugg, 425 W. 123rd Street, New York City. (Not available.)

629. **Dounaievsky Test.** Ref: Mentioned in Fizuerido, C. A. Contribucion al estudio de la inteligencia por la prueba de Dounaievsky y su relacion con el ambiente social y la cultura. Arch. de Neurobiology, 1932, 12, 646–654.

630. **Perray-Vaucluse Test.** Mentioned in Quercy, P. Classement d'écoliers par les maitres, par les tests, par le hasard. AnPs, 1932, 1, 20–50.

631. **Theisen-Flemming Classification Test,** by W. W. Theisen and C. W. Flemming. Madison, Wis.: State Department of Public Instruction. Ref: Flemming, C. W. Educational progress in Wisconsin, 1918–1920. Madison: State Department of Public Instruction, 1921, 50–89. (Not available)

632. **Wisconsin Group Intelligence Test,** by W. W. Theisen. Madison, Wis.: State Department of Public Instruction. (Not available)

633. **Intelligence Test,** by D'Heucqueville. Ref: Mentioned by Francois, M. Quelques travaux récents sur les tests de developpement. Journal de psychologie normal et pathologique, 1935, 32, 490–494.

TESTS OF TEACHING ABILITY AND RATINGS OF TEACHERS*

634. **A Practical Teacher Rating Card,** by E. L. Abel. Ref: Abel, E. L. A practical teacher rating card. American Schoolmaster, 1921, 14, 256–258.

635. **Score Card for Teacher Rating,** by Committee of Southern Educators, T. Alexander, Chairman. Ref: Committee of Southern Educators, T. Alexander, Chairman. The rating of teachers. AmSchBJ, 1921, 63, 44–46.

636. **Almy-Sorenson Rating Scale for Teachers,** by H. C. Almy and H. Sorenson. Bloomington, Ill.: Public School Publishing Co. Ref: Almy, H. C., and Sorenson, H. A teacher-rating scale of determined reliability and validity. EdAdSup, 1930, 16, 179–186.

637. **Anderson-Waples Classroom Procedure Test in English Composition,** by H. A. Anderson and D. Waples. Chicago: University of Chicago Press.

638. **Massachusetts Teaching Aptitude Test,** by L. A. Averill. Ref: Averill, L. A. The Massachusetts teaching aptitude test. JPs, 1937, 4, 207–225.

639. **Tests for the N. S. (Novice-Supervisor) Trait in Teachers,** by G. L. Betts. Ref: Walker, H. M., Editor. The measurement of teaching efficiency. New York: Macmillan Co., 1935.

640. **Test of Professional Information for High School Teachers,** by C. W. Boardman. Ref: Boardman, C. W. Professional tests as measures of teaching efficiency in high school. TCConEd, 1928, No. 327.

641. **Teachers' Efficiency Record,** by A. C. Boyce. Ref: Boyce, A. C. Methods of measuring teachers' efficiency. 14th YrbkNaSocSEd, Part II, p. 44.

642. **New York Bureau of Municipal Research Teachers Rating Scale.** Ref: Boyce, A. C. Methods of measuring teachers' efficiency. 14th YrbkNaSocSEd, Part II, pp. 82–83.

643. **A Scale to Guide in the Rating of Teachers,** by J. H. Bradley. Ref: Bradley, J. H. A study of the relative importance of the qualities of a teacher and her teaching in their relation to general merit. EdAdSup, 1918, 4, 358–363.

644. **Purdue Rating Scale for Instructors,** by G. C. Brandenburg and H. H. Remmers. Range: high school and college. Lafayette, Ind.: Lafayette Printing Co., 1928. Ref: Brandenburg, G. C., and Remmers, H. H. The Purdue rating scale for instructors. EdAdSup, 1927, 13, 399–406.

645. **Self-Inventory of the Bookkeeping Teacher,** by V. E. Breidenbaugh. Ref: Breidenbaugh, V. E. Self-inventory of the bookkeeping teacher. JBusEd, 1936, 11, 19–20.

646. **Breslich and Stone Classroom Procedure Test for Teachers of Mathematics,** by E. R. Breslich and C. A. Stone. Chicago: University of Chicago Press.

647. **Supervision and Administration of Practice Teaching,** by E. R. Breslich, W. S. Gray, C. J. Pieper, and W. C. Reavis. Report of work of student teachers in University High School. Ref: Breslich, E. R., Gray, W. S., Pieper, C. J., and Reavis, W. C. Supervision and administration of practice teaching. EdAdSup, 1925, 11, 1–12.

648. **Minnesota Rating Scale for Home Economics Teachers,** by C. M. Brown. Minneapolis, Minn.: University of Minnesota Press, 1931. Ref: Brown, C. M. An evaluation of the Minnesota Rating Scale for Home Economics Teachers. Minneapolis, Minn.: University of Minnesota Press, 1931.

649. **A Self-Rating Scale for Supervisors, Supervisory Principals, and Helping Teachers,** by E. J. Brown. Emporia, Kansas: Kansas State Teachers

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* Tests listed in many other sections are also appropriate for teachers.

College, 1929. Ref: Brown, E. J. A self-rating scale for supervisors, supervisory principals, and helping teachers. Milwaukee, Wis.: Bruce Publishing Co., 1929.

650. **Scales for the Rating of Teaching Skill**, by L. J. Brueckner. Minneapolis: University of Minnesota Press; Educational Test Bureau. Ref: Brueckner, L. J. Scales for the rating of teaching skill. University of Minnesota Research Bulletin, 1927, No. 12. Also: Brueckner, L. J. Practice exercises for learning to rate teaching skill and methods. Minneapolis: University of Minnesota Press.

651. **Carrigan Score Card for Rating Teaching and the Teacher**, by R. A. Carrigan. Yonkers, N. Y.: World Book Co., 1930. Ref: Carrigan, R. A. The rating of teachers on the basis of supervisory visitation. JEdMeth, 1922, 2, 48–55.

652. **An Aptitude Test for High School Teachers**, by N. Castleman, M. Grover, and H. Moore. Ref: Castleman, N., Grover, M., and Moore, H. An aptitude test for high school teachers. JApPs, 1931, 15, 208–213.

653. **Conduct Scale for the Measurement of Teaching**, by E. Collings. Ann Arbor, Mich.: Edwards Brothers, 1925. Ref: Collings, E. A conduct scale for the measurement of teaching. JEdMeth, 1926, 6, 97–103.

654. **Teacher Rating Scale**, by W. L. Connor. Ref: Connor, W. L. A new method of rating teachers. JEdR, 1920, 1, 338–358.

655. **Standards for Judging Teachers**, by W. A. Cook. Aberdeen, S. D.: Bureau of Educational Research, Northern State Teachers College. Ref: Cook, W. A. Uniform standards for judging teachers in South Dakota. EdAdSup, 1921, 7, 1–11.

656. **Teachers' Interest Test**, by W. W. Coxe. Albany, N. Y.: University of the State of New York, Educational Measurements Bureau. Ref: Engelhardt, M. D. Standard tests for students of education. EdAdSup, 1929, 15, 93–101.

657. **Coxe-Orleans Prognosis Test of Teaching Ability**, by W. W. Coxe and J. S. Orleans. Yonkers, N. Y.: World Book Co., 1930.

658. **Measuring Efficiency in Supervision and Teaching**, by L. M. Crabbs. Ref: Crabbs, L. M. Measuring efficiency in supervision and teaching. TCConEd, 1925, No. 175.

659. **Classroom Procedure Test in Natural Science**, by H. A. Cunningham and D. Waples. Chicago: University of Chicago Press.

660. **Supervisory Check List for Instruction in Elementary School Subjects**, by M. A. Dawson. Laramie, Wyoming: University of Wyoming. Ref: Dawson, M. A. A superintendent's check list for evaluating elementary grade teaching. American School Board Journal, 1936, 93, 45.

661. **Dragoo Rating Scale for Shop Teachers**, by A. W. Dragoo. Bloomington, Ill.: Public School Publishing Co., 1931. Ref: Dragoo, A. W. Rating scale for shop teachers. IndAVocEd, 1932, 21, 8–9.

662. **Duluth System for Rating Teachers**. Ref: Bracken, J. L. The Duluth system for rating teachers. ElemSchJ, 1922, 23, 110–119.

663. **Provisional Plan for the Measure of Merit of Teachers**, by E. C. Elliott. Ref: Elliott, E. C. How shall the merit of teachers be tested and recorded? EdAdSup, 1915, 1, 291–299. Also: 14th YrbkNaSocSEd, Part II, 78–80.

664. **Self Rating Scale for Prospective Teachers**, by C. D. Flory. Ref: Flory, C. D. Personality rating of prospective teachers. EdAdSup, 1930, 16, 135–143.

665. **A Score Card for Rural Teachers**, by F. M. Foster. Ref: Foster, F. M. A score card for rural teachers. SchSoc, 1920, 12, 131–132.

666. **Franzen-Knight Professional Test for Elementary School Teachers**, by R. H. Franzen and F. B. Knight. Range: elementary teachers. Iowa City: University of Iowa, 1922.

667. **Graphic Rating Scale for Teachers**, by M. Freyd. Chicago: C. H. Stoelting Co. Ref: Freyd, M. The graphic rating scale. JEdPs, 1923, 14, 83–112.

668. **George Washington University Teaching Aptitude Test**, by F. A. Moss, T. Hunt and F. C. Wallace. Washington, D. C.: Center for Psychological Service, 1927. Ref: Markt, A. R., and Gilliland, A. R. A critical analysis of the George Washington University teaching aptitude test. EdAdSup, 1929, 15, 660–666.

669. **Giles Recitation Score Card**, by J. T. Giles. Yonkers, N. Y.: World Book Co., 1925. Ref: Giles, J. T. A recitation score card and standards. ElemSchJ, 1922, 23, 25–36.

670. **A Rating Scale for Evaluating Teacher Qualities**, by M. E. Gilmore. Ref: Gilmore, M. E. Evaluating teacher qualities. Ohio School, 1933, 11, 44–45.

671. **Tests of Teaching Efficiency among College Instructors**, by G. W. Hartmann. Ref: Hartmann, G. W. Measuring teaching efficiency among college instructors. ArPs, 1933, 23, No. 154.

672. **Teacher Rating Scales**, by D. A. Hayworth. Sioux City, Iowa: Sioux City Public Schools. Ref: Hayworth, D. A. New teacher rating scale. American School Board Journal, 1933, 86, 32.

673. **Entrance and Classification Examination for Teachers Colleges**, by J. D. Heilman. Range: freshman entrants in teacher training institutions. Greeley, Colo.: Colorado State Teachers College, 1932–1934. Ref: Heilman, J. D. Report on the 1933–34 testing program of the Teachers College Personnel Association. (Mimeographed.) Greeley, Colo.: Colorado State Teachers College, 1934.

674. **Attitudes and Interests of Teachers**, by G. Hendrickson. Ref: Hendrickson, G. Attitudes and interests of teachers. Cincinnati, Ohio: Ph.D. Dissertation, University of Ohio, 1930.

675. **Self-Rating Card for Home Economics Teachers**, by A. Hess. Ref: Hess, A. Teacher rating as a means of improving home economics teachers in service. JHomeEco, 1922, 14, 85–90.

676. **Supervisor's Rating Card for Home Economics Teachers**, by A. Hess. Ref: Hess, A. Teacher rating as a means of improving home economics teachers in service. JHomeEco, 1922, 14, 85–90.

677. **Holloway Professional Achievement Test**, by W. J. Holloway. Range: elementary teachers. 1924. Ref: Smith, H. L., and Wright, W. W. Second revision of the bibliography of educational measurements. Bulletin of the School of Education, Indiana University, 1927, 4, No. 2.

678. **Diagnostic Record of Teaching**, by M. E. Howe and G. C. Kyte. Boston: Houghton Mifflin Co., 1932.

679. **Teacher-Efficiency Rating Card for Teachers in Service**, by C. L. Jacobs. Ref: Jacobs, C. L. The relation of the teacher's education to her effectiveness. TCConEd, 1928, No. 277.

680. **Stanford Educational Aptitude Test**, by M. B. Jensen. Stanford University, Calif.: Stanford University Press, 1929.

681. **Checking List and Standards for Supervision of High School Instruction**, by F. W. Johnson. New York: Bureau of Publications, Teachers College, Columbia University, 1924.

682. **Kinder Scale for Rating Practice Teachers**, by J. S. Kinder. Pittsburgh, Pa.: J. S. Kinder, Department of Education, Pennsylvania College for Women. Ref: Kinder, J. S. A rating scale for practice teachers. Education, 1925, 46, 108–114.

683. **Qualities Related to Success in Teaching**, by F. B. Knight. Ref: Knight, F. B. Qualities related to success in teaching. TCConEd, 1922, No. 120.

684. **Scale for Rating Teachers**, by J. W. Kratzer. Wallingford, Conn.: J. W. Kratzer.

685. **Scale for Evaluation of Merit in High School Teachers**, by F. C. Landsittel. Ref: Landsittel, F. C. Evaluation of merit in high school teachers. SchSoc, 1917, 6, 774–780.

686. **Personality Ratings of Prospective Physical Training Teachers**, by W. R. Laporte. Ref: Laporte, W. R. A system of personality ratings for prospective physical training teachers. AmPhysEdRev, 1922, 27, 23–24.

687. **Rating Sheet for Predicting Teaching Success**, by E. M. Leonard. Boston: Houghton Mifflin Co., 1931.

688. **Rating Scale for Administrators**, by A. R. Lurija. Ref: Lurija, A. R. [On methods of psycho-technical research.] Kazan: Instituts für wissenschaftliche Arbeitsorganisation, 1922.

689. **A Professional Test for Teachers**, by J. C. Manry. Allahabad, India: Ewing Christian College, 1924.

690. **The Students Rating Scale**, by T. B. Meadows. Ref: Meadows, T. B. Predictive value of a teacher's rating scale and intelligence tests. Bloomington, Ind.: Ph.D. Dissertation, Indiana University, 1934, pp. 15–16.

691. **Scale for Measuring Attitude Toward Teaching**, by F. D. Miller; directed and edited by H. H. Remmers. Range: grades 7–16. Lafayette, Ind.: Division of Educational Reference, Purdue University, 1935.

692. **Morrison Rating Scale Profile for Teachers**, by R. H. Morrison. St. Louis, Mo.: Webster Publishing Co.

693. **The Newark System of Rating Teachers**, by Committee of Principals and Assistant Superintendents. Ref: Committee of Principals and Assistant Superintendents. The Newark system of rating teachers. ElemSchJ, 1930, 30, 409–412.

694. **North's Objective Tests for Teachers in Typewriting**, by F. D. North. Range: teachers in training. New York: Gregg Publishing Co.

695. **Teacher Rating Scheme**, by R. W. Peabody. Ref: Peabody, R. W. Pupil-teacher rating in practice. School Executives Magazine, 1930, 50, 191–192.

696. **Objective Analysis of Recitations**, by W. E. Peik. Range: for use in methods of teaching courses. Minneapolis, Minn.: Educational Test Bureau.

697. **Self-Rating Scale for High School Principals**, by E. E. Phares and E. J. Brown. Emporia, Kansas: Kansas State Teachers College, 1936.

698. **Classroom Procedure Test in English Literature**, by L. Poley and D. Waples. Chicago: University of Chicago Press, 1928.

699. **Scheme for Rating Qualities of Candidates**, by F. L. Pond. Ref: Pond, F. L. Scheme for rating qualities of candidates. Department of Secondary School Principals Bulletin, 1935, 19, 64–68.

700. **Points for Personal Analysis**, by L. M. Roehl. Ref: Roehl, L. M. Points for personal analysis. IndAVocEd, 1936, 25, p. 248.

701. **Rating Scale for Judging Teachers in Service**, by H. O. Rugg. Ref: Rugg, H. O. Self-improvement of teachers through self-rating: a new scale for rating teacher efficiency. ElemSchJ, 1920, 20, 670–684.

702. **Commercial Student-Teacher's Rating Scale**, by P. L. Salsgiver. Ref: Salsgiver, P. L. Judging the commercial teacher's abilities and personal traits. JBusEd, 1926, 11, 23–24.

703. **Test of Teachers' Judgment in Child Discipline**, by N. Scheidemann. Chicago: C. H. Stoelting Co.

704. **Score Card for Teachers of Manual Arts**, by H. W. Schmidt. Ref: Schmidt, H. W. Score card for teachers of manual arts to be used for self-rating or by supervisory authorities. IndAMag, 1926, 15, November, 381–384; December, 426–438.

705. **Score Card for Grading Student Teachers**, by N. M. Senska. Ref: Senska, N. M. Making a detailed score card for grading student teachers. EdAdSup, 1925, 11, 199–201.

706. **Teacher's Self-Analysis Sheet in Elementary Geography**, by J. R. Shannon, et al. Ref: Shannon, J. R. Teacher's self-analysis sheet in elementary geography. Journal of Geography, 1934, 33, 346–357.

707. **Student Rating of Instruction**, by J. A. Starrak. Ref: Starrak, J. A. Student rating of instruction. Journal of Higher Education, 1934, 5, 88–90.

708. **Tentative Scale for Rating of Teachers on Their Work with Individual Pupils**, by R. Strang. Ref: Strang, R. Every teacher's records. New York: Bureau of Publications, Teachers College, Columbia University, 1936.

709. **Teacher Personality Score Card.** New York City: Institute for Public Service, 5 Beekman Street.

710. **Teacher Self-Rating for Self-Improvement**, by the Michigan State Teachers Association, Kalamazoo Public Schools. Ref: Whipple, G. M., and Edmondson, J. B. Problems of a high school teaching staff. Bloomington, Ill.: Public School Publishing Co., 1924.

711. **Philadelphia Rating Plan for Teachers**, by V. T. Thayer. Ref: Thayer, V. T. Teacher rating in the secondary schools. EdAdSup, 1926, 12, 361–378.

712. **A Rating Scale for Teaching Ability**, by G. Thompson. Ref: Thompson, G. A rating scale for teaching ability in students. JExPed, 1921, 6, 75–82.

713. **Rating Scale for School Principals**, by E. W. Tiegs. Ref: Tiegs, E. W. The rating of principals. AmSchBJ, March, 1926.

714. **Professional Questions for Elementary Teachers**, by E. W. Tiegs. Ref: Tiegs, E. W. An evaluation of some techniques of teacher selection. Bloomington, Ill.: Public School Publishing Co., 1928.

715. **Teacher Rating Scales**, by E. W. Tiegs. Ref: Tiegs, E. W. An evaluation of some techniques of teacher selection. Bloomington, Ill.: Public School Publishing Co., 1928.

716. **Teachers' Professional Judgment Test**, by E. W. Tiegs and N. Scheidemann. Chicago: C. H. Stoelting Co., 1932.

717. **Rating of Graduate Assistants**, by H. A. Toops. Ref: Toops, H. A. The selection of graduate assistants. PerJ, 1928, 6, 457–472.

718. **Torgerson Diagnostic Teacher Rating Scale of Instructional Activities**, by T. L. Torgerson. Bloomington, Ill.: Public School Publishing Co., 1930.

719. **Improvement Card for Student Teachers**, by W. C. Trow and F. McLouth. Cincinnati, Ohio: C. A. Gregory Co. Ref: Trow, W. C., and McLouth, F. An improvement card for student teachers. EdAdSup, 1929, 15, 127–133.

720. **Plan for Rating Teachers**, by G. R. Twiss. Ref: Twiss, G. R. A plan for rating the teachers in a school system. SchSoc, 1919, 9, 748–756.

721. **University of California Rating Scale for Practice Teaching.** Los Angeles, Calif.: Office of Director of Training Schools, University of California. Ref: Waddell, C. W. A new rating scale for practice teaching. JEdMeth, 1929, 8, 214–219.

722. **Rating Scale for Teachers of Biology**, by J. K. Van Denburg. Ref: Van Denburg, J. K. An objective rating scale for teachers of biology in high schools. SchSoc, 1937, 46, 698–704.

723. **Waples-Reavis Classroom Procedure Test in General Method**, by D. Waples and W. C. Reavis. Range: teachers in junior and senior high school. Chicago: University of Chicago Press, 1926.

724. **Rating Scales for Teachers and Principals**, by S. E. Weber. Ref: Weber, S. E. Rating teachers and principals to improve their service. AmSchBJ, 1930, 80, 47–49.

725. **Confidential Rating Scale of a Teacher in Service or in Training,** by C. C. Weidemann. Lincoln, Nebraska: Department of Educational Service, University of Nebraska.

726. **Whitney-Heilman-Woody Entrance and Classification Examination for Teachers Colleges, Elementary Section.** Range: prospective elementary teachers. Greeley, Colo.: F. L. Whitney, Colorado State Teachers College. Ref: Kinder, J. S., and Odell, C. W. Educational tests for use in institutions of higher learning. University of Illinois Bulletin, 1930, 27, 30.

727. **Classroom Procedure Test for Rating Teachers of History and the Social Studies,** by H. E. Wilson and D. Waples. Chicago: University of Chicago Press, 1928.

728. **Teacher Rating Card,** by E. C. Witham. Ref: Witham, E. C. School and teacher measurement. JEdPs, 1914, 5, 267–278.

729. **Scale for Judging Manual Arts Teachers,** by P. V. Woolley. Ref: Woolley, P. V. The use of a scale for judging manual arts teachers. Manual Training Magazine, 1921, 23, 5–8.

730. **Teacher Rating Scheme,** by W. L. Wrinkle. Ref: Wrinkle, W. L. The diagnosis and guidance of teaching. JEdMeth, 1927, 6, 425–433.

See also addenda, Test 4205.

The following items have incomplete references or are not available.

731. **Aptitude Tests for Elementary and High School Teachers,** by J. E. Bathurst, F. B. Knight, G. M. Ruch and F. Telford. Range: for college educational courses or elementary teachers. Chicago: Bureau of Public Personnel Administration, 1926. (Not available.)

732. **Subject Placement Tests for Elementary Teachers,** by J. E. Bathurst, F. B. Knight, G. M. Ruch and F. Telford. Range: elementary school teachers. Chicago: Bureau of Public Personnel Administration, 1926. (Not available.)

733. **Schutte Scale for Rating Teachers,** by M. H. Schutte. Yonkers, N. Y.: World Book Co., 1923. (Out of print.)

734. **Brisbane Teachers College Tests of Aptitude for Teaching.** Mentioned in the Australian Council for Educational Research, First Annual Report, 1930–31, Melbourne, Australia, 1931.

735. **Professional Information Test for Elementary and Junior High School Teachers,** by O. E. Hertzberg et al. Buffalo, N. Y.: State Teachers College. (Mimeographed, not available.)

736. **Teachers Self-Rating Scale for Self-Improvement.** Lansing: Michigan Education Association. (Out of print.)

SEPARATE TESTS OF SPECIFIC MENTAL ABILITIES

ATTENTION, ORIENTATION, PERCEPTION, FOLLOWING DIRECTIONS AND AUSSAGE

737. **Directions Test**, by A. R. Abelson. Modified by H. A. Ruger, 1917. Ref: Mullan, E. H. The mentality of the arriving immigrant. Public Health Bulletin, No. 90. Washington, D. C.: Government Printing Office, 1917.

738. **Tests of Perception and Association**, by H. A. Aitkens and E. L. Thorndike. Ref: Aikens, H. A., and Thorndike, E. L. Correlation among perceptive and associative processes. PsR, 1902, 9, 374–382.

739. **Revision of Piorkowski's Test for Measuring Attention.** Ref: Arbuzov, N. V., and Gurevich, A. M. Experimentaluo psikologicheski analis testa Piorkovski. Sovetsk. Psikhotekh., 1934, 7, 263–269.

740. **Tests of Suggestion and Attention**, by J. Bappert. Ref: Stern, W., and Wiegmann, O. Methodensammlung zur Intelligenzprüfung von Kindern und Jugendlichen. Leipzig: J. A. Barth, 1926, p. 161.

741. **Test of Executing Commissions**, by I. Berghaus and H. Rupp. Ref: Berghaus, I., and Rupp, H. Über die Probe: Aufträge oder Besorgungen erledigen. PsteZ, 1928, 3, 155–162.

742. **Cancellation Test**, by B. B. Bourdon. Ref: Bourdon, B. B. Observations comparatives sur la reconnaissance, la discrimination et l'association. RPh, 1895, 40, 153–185. Also: Giese, F. W. O. Automatization of the Bourdon technique. In Stern, W., and Wiegmann, O. Methodensammlung zur Intelligenzprüfung von Kindern und Jugendlichen. Leipzig: J. A. Barth, 1926, p. 139.

743. **Graded Instructions Test, Test 25**, by C. Burt. Ref: Burt, C. Mental and scholastic tests. London: P. S. King and Son, 1921.

744. **Ten Tests for Attention, Memory, Association and Alertness**, by H. E. Burtt. Ref: Burtt, H. E. Employment psychology in the rubber industry. JApPs, 1920, 4, 1–17.

745. **Substitution Test**, by Y. Chang. Ref: Chang, Y. A new substitution test. ChJPs, 1922, 1, No. 2.

746. **Perception Test**, by C. B. Cornell. Ref: Cornell, C. B. A graduated scale for determining mental age. JEdPs, 1917, 8, 539–550.

747. **Tests of Apprehension**, by L. Cron and E. Kraepelin. Ref: Cron, L., and Kraepelin, E. Über die Messung der Auffassungsfahigkeit. PdPsArb, 1899, 2, 202–325.

748. **Cancellation of A's**, by E. A. Doll. Ref: Doll, E. A. The A-test with the feeble-minded. TrSchB, 1913, 10, 49–57.

749. **Aussage Test**, by M. Dürr-Borst. Ref: Dürr-Borst, M. Die Erziehung der Aussage und Anschauung des Schulkindes. ExPäd, 1906–07, 3–4, 1–30.

750. **Tests of Distributed Attention**, by F. M. Earle. Ref: Earle, F. M. Tests of distributed attention. BrJPs, 1931, 31, 3, 215–241.

751. **Non-Verbal Visual Perception Tests**, by M. Fortes. Ref: Fortes, M. Perceptual tests of 'general intelligence' for inter-racial use. BrJMedPs, 1934, 14, 113. Transactions of the Royal Society of South Africa, 1932, 22, Part 3.

752. **Galton Weight Comparison Test**, by F. Galton. Ref: Galton, F. Inquiries into human faculty. New York: E. P. Dutton and Co., 1907.

753. **Test of Ability to Name Colors**, by A. Garbini. Ref: Garbini, A. Evoluzione del senso cromatico nella infanzia. Archivio per l'antropologia e la etnologia, 1894, 24, 71–98; 193–220.

754. **Test of Continuous Adding**, by L. R. Geissler. Ref: Geissler, L. R. The measurement of attention. AmJPs, 1909, 4, 473–529.

755. **A Code Substitution Test**, by C. T. Gray. Ref: Gray, C. T. A new form of substitution test. JEdPs, 1913, 4, 293–297.

756. **Aussage Test for Fourteen Year Old Subjects** by A. Huth. Ref: Stern, W., and Wiegmann, O. Methodensammlung zur Intelligenzprüfung von Kindern und Jugendlichen. Leipzig: J. A. Barth, 1926, 205.

757. **Pattern Completion Test, E-1, Form 1, Johns Hopkins Series, Psychological Tests.** Ref: Betts, E. W. Time-limit versus work-limit in learning. Baltimore, Md.: Williams and Wilkins Co., Mental Measurement Monographs, 1934, No. 10.

758. **Visual Recognition of Forms**, by E. S. Jones. Chicago: C. H. Stoelting Co. Ref: Woolley, H. T. An experimental study of children. New York: Macmillan Co., 1926.

759. **Kraepelin's Association Test, Addition**, by E. Kraepelin. Chicago: C. H. Stoelting Co. Ref: Kraepelin, E. Der psychologische Versuch in der Psychiatrie. PdPsArb, 1895, 1, 1–91.

760. **Kraepelin's Constant Increment Test**, by E. Kraepelin. Chicago: C. H. Stoelting Co. Ref: Kraepelin, E. Der psychologische Versuch in der Psychiatrie. PdPsArb, 1895, 1, 1–91.

761. **Test of Disarranged Numbers**, by B. Lahy. Ref: Lahy, B. Le test des chiffres en desordre. BuInNatProf, 1932, 4, 73–81.

762. **Substitution Test**, by J. E. Lough. Ref: Kirkpatrick, E. A. (Ed.) Studies in development and learning, Thesis 7. ArPs, 1908–1911, No. 12.

763. **Group Test of Form Relations**, by A. Macrae. Ref: Earle, F. M. Methods of choosing a career. London: George G. Harrap Co., 1931, p. 82.

764. **Maloney's Modification of Kraepelin's Reckoning Test.** Ref: Jeffrey, G. R. Some observations on the use of the 'reckoning test' in school children. JExPed, 1911, 1, 392–396.

765. **Test of Directions—Paper Test**, by P. Marie. Ref: Weisenberg, T., and McBride, K. E. Aphasia. New York: Commonwealth Fund.

766. **Test of Concentration**, by W. Moede. Ref: Koerner, E. Stellung und Methodik der Konzentrationsprüfung in Rahmen der schutzpolizeilichen Eignungsprüfverfahren. IndPste, 1930, 7, 247–254.

767. **Modification of Piorkowski's Attention Tester**, by A. Neifakh. Ref: Neifakh, A. [An improvement of Piorkowski's attention tester.] Psikhotekh. i. psikhofiziol. truda, 1931, 4, 369–371.

768. **Attention Test**, by Brother R. Philip. Ref: Philip, Brother R. The measurement of attention. Washington, D. C.: Studies in Psychology and Psychiatry, Catholic University of America, 1928, 2, No. 1.

769. **Tests of Orientation**, by J. Piaget. Ref: Claparède, E. Comment diagnostiquer les aptitudes chez les écoliers. Paris: Flammarion, 1929, p. 193.

770. **Card Classification Test**, by H. Piéron. Ref: Piéron, H. L'étalonnage d'un test de classement de cartes. BuInNatProf, 1932, 4, 101–112.

771. **Pintner and Toops Directions Test**, by R. Pintner and H. A. Toops. Chicago: C. H. Stoelting Co. Ref: Pintner, R., and Toops, H. A. A revised directions test. JEdPs, 1918, 9, 123–142.

772. **Footprint Matching Test**, by S. D. Porteus. Ref: Porteus, S. D. Human studies in Hawaii. Pacific Problems: Proceedings and Lectures, School of Oriental and Pacific Affairs. University of Hawaii, 1932, 82–114.

773. **Porteus Dot Estimation Test**, by S. D. Porteus. Ref: Porteus, S. D. Human studies in Hawaii. Pacific Problems: Proceedings and Lectures, School of Oriental and Pacific Affairs. University of Hawaii, 1932, 82–114.

774. **Directions Test**, by B. Price. Ref: Price, B. A directions test arranged as an interview and a determination of adult age effects therewith. Stanford University, Calif.: Stanford University, unpublished Ph.D. Thesis, 1933.

775. **Tests of Attention**, by T. Rybakoff. Ref: Gamsa, M., and Salkind, A. Tests d'attention. ArPs(-f), 1929, 21, 307–319.

776. **Aussage Test and Comprehension of Pictures**, by J. Schrenk. Ref: Schrenk, J. Über das Verständnis für bildliche Darstellung bei Schulkindern. WiBPdPs, 1914, 5, 214.

777. **The Johns Hopkins Tests**, by E. M. Stalnaker. Attention, substitution, memory, omitted letters. Ref: Stalnaker, E. M. A comparison of certain mental and physical measurements of school children and college students. Baltimore, Md.: Williams and Wilkins, 1924.

778. **Aussage Test for Subjects Seven to Fourteen Years of Age**, by W. Stern. Ref: Stern, W. Die Aussage als geistige Leistung und als Verhörsprodukt. BPsAu, 1904, 1, 147–.

779. **Tests of Ability to Observe**, by W. Strebe. Ref: Strebe, W. Beobachtungsproben. IndPste, 1933, 10, 183–187.

780. **Thurstone's Substitution Test**, by L. L. Thurstone. Chicago: C. H. Stoelting Co. Ref: Bronner, A. F., Healy, W., Lowe, G. M., and Shimberg, M. E. A manual of individual mental tests and testing. Boston: Little, Brown and Co., 1927.

781. **Toulouse-Piéron Cancellation Test, (Test de Barrage)**, by E. Toulouse and H. Piéron. Ref: Bugnion, B. Le test de barrage. ArPs(-f), 1935, 15, 97, 77–97. Also: Chweitzer, A. Étude experimentale de la courbe d'apprentissage. AnPs, 1931, 32, 164–196.

782. **Symbol-Digit Test**, by M. A. Vavra. Ref: Vavra, M. A. Success in typewriting. JEdPs, 1925, 16, 485–492.

783. **Test of Color Naming**, by F. Warburg. Ref: Warburg, F. Das Farbennennungvermögen als Intelligenzprüfung bei Kindern. ZKi, 1910, 15, 338–341.

784. **Wertheimer's Figures**, by L. Bender. Ref: Bender, L. Principles of Gestalt in copied form in mentally defective and schizophrenic persons. ArNeuPsychiat, 1932, 27, 661–686.

785. **Tests of Attention and Perception**, by G. M. Whipple.
Test 24. Range of Visual Attention.
Test 25. Visual Apprehension.
Test 25a. Spot-Pattern Test.
Test 25b. The Form-Board.
Test 26. Cancellation.
Test 27. Counting Dots.
Test 28. Reading Simple and Complicated Prose.
Test 29. Simultaneous Adding.
Test 30. Simultaneous Disparate Activities.
Ref: Whipple, G. M. Manual of mental and physical tests, Volume I. Baltimore, Md.: Warwick and York, 1914, 262–348.

786. **Tests of Description and Report**, by G. M. Whipple.
Test 31. Description of an object.
Test 32. Fidelity of Report: Aussage Test.
Ref: Whipple, G. M. Manual of mental and physical tests, Volume II. Baltimore, Md.: Warwick and York, 1915, 9–42.

787. **Zener's Cards**, by K. E. Zener. Ref: Stuart, C. E., and Pratt, J. G. Experimental set for testing extra-sensory perception. New York: Farrar and Rinehart, 1937. Also, Rhine, J. B. New frontiers of the mind. New York: Farrar and Rinehart, 1937.

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788. **Atkinson Group Test,** by W. R. Atkinson. Ref: Edds, J. E. The nature of verbal and nonverbal abilities. JExEd, 1935, 3, 225–229.

789. **Cubelet Contour Test,** by S. Baley. Ref: Zabludowska, R. Test siatek széścianków. Psychotechnika, 1935, 9, 1–8.

790. **Copying and Drawing from Memory,** by A. Binet. Ref: Mullan, E. H. The mentality of the arriving immigrant. Washington, D. C.: Public Health Bulletin, No. 90. Government Printing Office, 1917.

791. **Visual Design,** by A. Binet and modified by the Army psychologists. Ref: Yerkes, R. M. Psychological examination in the United States Army. Memoirs of the National Academy of Science, 1921, 15, 890.

792. **Test for Spatial Relationships,** by S. A. Byzow. Ref: Byzow, S. A. Test pour l'étude de l'intelligence typographique spatiale. (In Russian.) Sovetsh. Psikhotekh., 1933, 6, 254–257.

793. **Series of Tests for Visualization,** by E. Claparède. Ref: Claparède, E. Comment diagnostiquer les aptitudes chez les écoliers. Pairs: Flammarion, 1929, p. 275.

794. **A Test of Invention,** by E. Claparède. Ref: Claparède, E. Comment diagnostiquer les aptitudes chez les écoliers. Paris: Flammarion, 1929, p. 267.

795. **Coal Passage Imagination Test.** Ref: Bronner, A. F., Healy, W., Lowe, G. M., and Shimberg, M. E. A manual of individual mental tests and testing. Boston: Little, Brown and Co., 1927, p. 32.

796. **A Spatial Relations Test,** by A. S. J. Coetsee. Ref: Coetsee, A. S. J. The comprehension of spatial relations (among primary school children) by the elaboration of two dimensional visual stimuli. South African Journal of Psychological Education, 1933, Series 1, 2, 25–33.

797. **Constructive Problems Test,** by C. B. Cornell. Modification of A. Binet's Constructive Problems Test. Ref: Cornell, C. B. A graduated scale for determining mental age. JEdPs, 1917, 8, 539–550.

798. **Form Discrimination Test,** by C. B. Davenport. Ref: Schieffelin, B., and Schwesinger, G. C. Mental tests and heredity. New York: Galton Publishing Co., 1930, p. 197.

799. **Dearborn and Whipple Imagination Test,** by W. F. Dearborn and G. M. Whipple. Chicago: C. H. Stoelting Co.

800. **Visual-Spatial Discrimination Tests** (Augenmasz) Ref: Erschowitz, N. Die psychotechnische Augenmaszprüfung und ihre Bestellung für Prüfpraxis. IndPste, 1932, 9, 2, 33–50; 1932, 9, 4, 117–124.

801. **Drawing from Memory "A Woman in the Rain,"** by H. M. Fay. Ref: Fay, H. M. Une méthode pour le dépistage des arrières dans les grandes collectivés d'enfants à l'âge scolaire. Bulletin de la Ligue d'Hygiène Mentale, 1923, 3, 60–63.

802. **Test of Imagination,** by C. H. Griffitts. Ref: Griffitts, C. H. Fundamentals of vocational psychology. New York: Macmillan Co., 1924, p. 262–282.

803. **Gwinn-Thurstone Ingenuity Test,** by T. Gwinn and L. L. Thurstone. Range: elementary school through college, and adult. Chicago: C. H. Stoelting Co., 1923.

804. **Floor Plan Test,** by W. Healy. Chicago: C. H. Stoelting Co. Ref: Bronner, A. F., Healy, W., Lowe, G. M., and Shimberg, M. E. A manual of individual mental tests and testing. Boston: Little, Brown and Co., 1927, p. 154.

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* For achievement tests in drawing, see FINE ARTS TESTS—DRAWING SCALES AND AESTHETIC JUDGEMENT, pages 183–185.

805. **Visual Design Test**, by W. Healy. Chicago: C. H. Stoelting Co. Ref: Bronner, A. F., Healy, W., Lowe, G. M., and Shimberg, M. E. A manual of individual mental tests and testing. Boston: Little, Brown and Co., 1927, p. 86.

806. **Heilbronner's Apperception Test**, by K. Heilbronner. Chicago: C. H. Stoelting Co. Ref: Heilbronner, K. Zur klinisch-psychologisch Untersuchungstechnik. MPtN, 1905, 17, 117–132.

807. **Tests in Mental Manipulations of Space Relations**, by H. N. Irwin. Range: grades 9–12. Ref: Irwin, H. N. A preliminary attempt to devise a test of the ability of high school pupils in the mental manipulation of space relations. SchRev, 1918, 16, 600–605; 654–670; 759–772.

808. **Tests of Spatial Representation**, by O. Julian. Ref: Julian, O. Untersuchung über raumliche Prüfaufgaben. PsteZ, 1928, 3, 117–138.

809. **Ink blots test**, by E. Kirkpatrick. Ref: Kirkpatrick, E. Individual tests of school children. PsR, 1900, 7, 274–280.

810. **Knox's Imagination Test**, by H. A. Knox. Chicago: C. H. Stoelting Co.

811. **Practical Method of Testing the Capacity for Spatial Thinking or Imagining**, by G. Kruger. Ref: Kruger, G. Brauchbare Aufgabe zur Prüfung des raümlichen Vorstellungsvermögen. PsteZ, 1930, 5, 60–65.

812. **Thematic Apperception Test**, by C. D. Morgan and H. H. Murray. Cambridge, Mass.: Harvard Psychological Clinic, Harvard University, 1937. Ref: Morgan, C. D., and Murray, H. H. A method for investigating fantasies: the thematic apperception test. ArNeuPsychiat, 1935, 34, 289–306.

813. **Tests of Creative Imagination**, by National Institute of Industrial Psychology. Series A, linguistic; Series B, non-linguistic. Ref: Burt, C. and others. A study in vocational guidance. London: Industrial Health Research Board, Report No. 33, 1926.

814. **Four Detail Drawing Test**, by New York Bureau of Analysis and Investigation. Ref: New York Bureau of Analysis and Investigation. Performance norms for thirteen tests. Bulletin No. 8, 1917, 75–111.

815. **Drawing a Man Test**, by L. Partridge. A 6 point scale. Ref: Barnes, E. Studies in Education, 1902, Vol. II, 163–179.

816. **Poffenberger's Imagery Blank**, by A. T. Poffenberger. Chicago: C. H. Stoelting Co.

817. **Poppelreuter's Space-Thinking Test.** Ref: Veiders, E. Psychotechnische Zeitung, 1934, 9, 52–60.

818. **Ink Blots Test**, by W. H. Pyle. Chicago: C. H. Stoelting Co. Ref: The examination of school children. New York: Macmillan Co., 1913.

819. **Ink Blot Test**, by G. A. Roemer. Ref: Roemer, G. A. Über die Auffindung des aktuellen Kernproblems einer Personlichkeit durch die Tiefentestmethode. Zeitschrift für Menschenkunde, 1926, 1, 48–55.

820. **Geometrical Objects Test**, by H. O. Rugg. Ref: Rugg, H. O. The experimental determination of mental discipline in school studies. EdPsM, 1916, No. 19, 41–42.

821. **Test of Interpretation of Cartoons**, by L. F. Shaffer. Ref: Shaffer, L. F. Children's interpretation of cartoons: a study of the nature and development of the ability to interpret symbolic cartoons. TCConEd, 1930, No. 429.

822. **Tests of Memory, Imagery, Imagination and Association**, by S. Sharp. Ref: Sharp, S. Individual psychology. AmJPs, 1899–1900, 10. 329–391.

823. **Phantasy Test—Series of Cloud Pictures**, by W. Stern. Durham, N. C.: Duke University. Ref: Stern, W. Cloud pictures: a new method for testing imagination. Character and Personality, 1937, 6, 132–146. Also: Stern, W. Ein Test zur Prüfung der kindlichen Phantasietatigkeit. ZKinderpsychiat., 1938, 5, 5–11.

824. **Tests of Inventiveness**, by J. J. Strasheim. Ref: Strasheim, J. J. A new method of mental testing. Baltimore, Md.: Warwick and York, 1926.

825. **Tests of Imagination,** by K. Struve. Ref: Struve, K. Typische Ablaufsformen des Deutens bei 14–bis 15 jahrigen Schulkindern. ZAngPs, 1930, 37, 204–274.

826. **Drawing Lines,** by E. L. Thorndike. Ref: Simpson, B. R. Correlations of mental abilities. TCConEd, 1912, 53.

827. **Thurstone's Hand Test,** by L. L. Thurstone. Chicago: C. H. Stoelting Co.

828. **Thurstone's Spatial Relations Tests A and B,** by L. L. Thurstone. Chicago: C. H. Stoelting Co.

829. **Wheels Test,** by L. L. Thurstone. Chicago: C. H. Stoelting Co. Ref: Bronner, A. F., Healy, W., Lowe, G. M., and Shimberg, M. E. A manual of individual mental tests and testing. Boston: Little, Brown and Co., 1927, Test 124.

830. **Titchener's Puzzle Pictures,** by E. B. Titchener. Chicago: C. H. Stoelting Co. Ref: Titchener, E. B. Experimental psychology: Volume I, quantitative experiments. New York: Macmillan Co., 1901.

831. **"Gamma" Ink Blot,** by F. L. Wells. New York: Psychological Corporation, 1935.

832. **Tests of Imagination and Invention,** by G. M. Whipple.
Test 45. Ink-Blots
Test 46. Linguistic Invention
Test 47. Word Building
Test 49. Fable Chart
Chicago: C. H. Stoelting Co. Ref: Whipple, G. M. Manual of mental and physical tests, Volume II. Baltimore, Md.: Warwick and York, 1915, 254–283.

833. **Drawing as an Index of Mental Development,** by J. Wintsch. Ref: Wintsch, J. Le dessin comme témoin du développement mental. Zeitschrift für Kinderpsychiatrie, 1935, 2, 69–83.

834. **Thurstone-Jones Spatial Relations Examination, Problem 4—Paper Folding,** by L. L. Thurstone and W. B. Jones. Ref: Stoy, E. G. Tests for mechanical drawing aptitude. PerJ, 1927, 6, 93–101. (Not available.)

See addenda, 4277.

COMPARISONS, COMPLETIONS AND PICTURE ARRANGEMENT

835. **Comparison Test,** by N. Ach. Ref: Ach, N. Über die Begriffsbildung. Eine experimentelle Untersuchung an Erwachsenen, Kindern und Hirnverletzten. Untersuchungen zur Psychologie und Philosophie, 1921, 3. Bamberg, Germany: C. Buchner.

836. **Ballard's Picture Test for Six Year Old Children,** by P. B. Ballard. Ref: Ballard, P. B. Ballard group tests of intelligence. London: Hodder and Stoughton, 1923, p. 97.

837. **A Picture Arrangement Test,** by A. C. Bowler. Ref: Bowler, A. C. A picture arrangement test. PsCl, 1917, 11, 37–54.

838. **Completions Test, Test 26,** by C. Burt. Ref: Burt, C. Mental and scholastic tests. London: P. S. King and Son, 1921.

839. **Word Building Test,** by J. C. Chapman. Ref: Chapman, J. C. Persistence, success and speed in a mental task. PedSem, 1917, 31, 276.

840. **Picture Arrangement Test,** by J. W. Dawid. Ref: Dawid, J. W. Intelligencja. Warsaw: Wende, 1911, 104 ff.

841. **Picture Series Arrangement Tests,** by O. J. Decroly. Ref: Decroly, O. J. Épreuve nouvelle pour l'examen mental et son application aux enfants anormaux. BuSocAntBruxelles, 1913, 32, 25. Also, AnPs, 1913, 20, 140–159.

842. **Narrative Picture Test,** by E. Dewey. Ref: Dewey, E., Child, E., and Ruml, B. Methods and results of testing school children. New York: E. P. Dutton and Co., 1920, p. 25.

843. **Comparisons Test,** by W. Eliasberg. Ref: Eliasberg, W. Psychologie und Pathologie der Abstraktion. BhZAngPs, 1925, 35.

844. **Completion Tests,** by M. Foucault. Range: elementary school age. Ref: Foucault, M. La mesure de l'intelligence chez les écoliers. Paris: Delagrave, 1933.

845. **Finding the Relationships in Two Sets of Pictures,** by A. Franken. Ref: Franken, A. Bilderkombinationen. Ein Beitrag zum Problem der Intelligenzprüfungen. ZAngPs, 1917, 12, 173–229.

846. **Picture Series Tests,** by D. K. Fraser. Ref: Bowler, A. C. A picture arrangement test. PsCl, 1917, 11, 37–54.

847. **Order Arrangement Test,** by F. Giese. Ref: Giese, F. Der Schematest. DPs, 1918–19, 2, 92–94.

848. **Goddard's Picture Memory Tests,** by H. H. Goddard. Chicago: C. H. Stoelting Co.

849. **Hartford Curative Workshop Completion Test.** Chicago: C. H. Stoelting Co.

850. **Hayes and Dewey Narrative Pictures Test,** by M. H. Hayes and E. Dewey. Chicago: C. H. Stoelting Co. Ref: Dewey, E., Child, E., and Ruml, R. Methods and results of testing school children. New York: E. P. Dutton and Co., 1920, p. 170.

851. **Test of Understanding of Pictures,** by R. Henneberg. Ref: Henneberg, R. Zur Methodik der Intelligenz-Prüfung. Berliner Klinische Wochenschrift, 1920, 57[1], 581–583.

852. **Picture Completion Test for Primary Grades,** by C. E. Holley. Bloomington, Ill.: Public School Publishing Co., 1920.

853. **Criticism of Pictures,** by A. Huth. Ref: Stern, W., and Wiegmann, O. Methodensammlung zur Intelligenzprüfung von Kindern und Jugendlichen. Leipzig: J. A. Barth, 1926, p. 382.

854. **Word Building Test,** by G. Kent. Chicago: C. H. Stoelting Co. Ref: Bronner, A. F., Healy, W., Lowe, G. M., and Shimberg, M. E. A manual of individual mental tests and testing. Boston: Little, Brown and Co., 1927, p. 176.

855. **Story Completion Tests,** by G. H. Kent and E. F. Wells. Ref: Kent, G. H., and Wells, E. F. Story completion tests. JEdPs, 1930, 21, 703–711.

856. **Recognition of Similarities and Differences,** by A. Koch et al. Ref: Koch, A. Experimentelle Untersuchungen über die Abstraktionsfähigkeit von Volksschulkindern. ZAngPs, 1913, 7, 332–391.

857. **A Number Series Test,** by A. Kohn-Schächter. Ref: Kohn-Schächter, A. Der Zahlenreihentest. Untersuchungen über das arithmetische Denken 12–14 jähriger Knaben. ZAngPs, 1926, 26, 369–439.

858. **Picture Completion Test,** by M. Lindley. Ref: Lindley, M. A picture test. TrSchB, 1918, 14, 156–161.

859. **Completion Tests,** by O. Lipmann. Ref: Lipmann, O. Die Entwicklung der grammatisch-logischen Funktionen. ZAngPs, 1917, 12, 347–371.

860. **Picture Arrangement Tests,** by O. Mann. Ref: Mann, O. Ein Bilderordnungstest. ZPädPs, 1923, 24, 51–56.

861. **Masselon Test,** by R. Masselon. Ref: Masselon, R. Psychologie des dements precoces. Paris: Medical Thesis, University of Paris, 1902.

862. **Completion Test,** by W. R. Miles and J. E. Butterworth. Ref: Miles, W. R., and Butterworth, J. E. A tentative standardization of a completion test. JEd Ps, 1916, 7, 329–337.

863. **Completion Tests,** by W. Minkus. Ref: Stern, W. Die Intelligenz der Kinder und Jugendlichen. Leipzig: J. A. Barth, 1928, p. 112. Also: Terman, L. M., and Merrill, M. Measuring intelligence. Boston: Houghton Mifflin Co., 1937.

864. **Arrangement Tests**, by M. Muchow. Ref: Muchow, M. Zur Problematik der Testpsychologie im allgemeinen und einiger Ordnungstests im besonderen. BhZAngPs, 1925, 34, 61–92.

865. **Picture Comparisons Test**, by A. Netschajeff. Ref: Netschajeff, A. Untersuchungen über die Abstraktionsfähigkeit von Schülern. ZAngPs, 1911, 4, 335–346.

866. **Rearrangement of Spelling Names of Animals and Cities**, by E. Oschrin. Ref: Oschrin, E. Vocational tests for retail saleswomen. JApPs, 1918, 2, 148–155.

867. **Picture Completion Tests**, by R. Pintner and M. M. Anderson. Ref: Pintner, R., and Anderson, M. M. The picture completion test. EdPsM, 1917, No. 20.

868. **Drawing Completion Test**, by R. Pintner and H. A. Toops. Ref: Pintner, R., and Toops, H. A. A drawing completion test. JApPs, 1918, 2, 164–173.

869. **Completion Tests**, by C. Piorkowski. Range: ages 9–13. Ref: Piorkowski, C. Untersuchungen über die Kombinationsfähigkeit bei Schulkindern. PdPs Arb, 1913, 4, 55–91.

870. **Completion Tests**, by P. Ranschburg. Ref: Ranschburg, P. Das kranke Gedächtnis. Leipzig: J. A. Barth, 1911.

871. **Cancellation Tests**, by F. U. Saffiotti. Ref: Dockeray, F. C., and Isaacs, S. Psychological research in aviation in Italy, France, England and the American Expeditionary Forces. JComPs, 1921, 1, 115–118.

872. **Completion Test**, by F. Schlotte. Ref: Schlotte, F., and Schubert, W. Neues Testmaterial zur Prüfung von Schulkindern. PdPsArb, 1929, 17, 272–280.

873. **Picture Arrangement Test "Marabu,"** by F. Schlotte. Ref: Schlotte, F., and Schubert, W. Neues Testmaterial zur Prüfung von Schulkindern. PdPsArb, 1929, 17, 272–280.

874. **Picture Recognition Test**, by G. Schober and A. Schober. Ref: Schober, G., and Schober, A. Über Bilderkennungs- und Unterscheidungsfähigkeit bei kleinen Kindern. BhZAngPs, 1919, 19, 94–137.

875. **Completion Tests**, by W. Schubert. Ref: PdPsArb, 1929, 17.

876. **Picture Completion Test**, by E. A. Sharp. Ref: Sharp, E. A. A new picture completion test. JApPs, 1918, 2, 355–365.

877. **Easy Picture Completion Test.** Ref: Shrubsall, F. C., and Williams, A. C. Mental deficiency practice. London: University of London Press, 1932.

878. **Picture Tests**, by V. K. Soloviev. Non-verbal tests used in Russia. Ref: Soloviev, V. K. [Research on the construction of national tests.] Sovetsh. Psikhotekh, 1933, 6, 30–46.

879. **Building of Words from a Given Number of Letters**, by W. Stern. Ref: Stern, W. Über Psychologie der individuellen Differenzen. (Ideen zu einer "Differentiellen Psychologie"). Leipzig: J. A. Barth, 1900.

880. **Describing Events Portrayed in a Series of Pictures**, by W. Stern. Ref: Stern, W., and Wiegmann, O. Methodensammlung zur Intelligenzprüfung von Kindern und Jugendlichen. Leipzig: J. A. Barth, 1926, p. 211.

881. **Word Arrangement Test**, by W. Stern. Ref: Stern, W., and Wiegmann, O. Methodensammlung zur Intelligenzprüfung von Kindern und Jugendlichen. Leipzig: J. A. Barth, 1926, p. 416.

882. **A Gestalt Completion Test**, by R. F. Street. Ref: Street, R. F. A Gestalt completion test. TCConEd, 1931, No. 481.

883. **Completions Tests for School Pupils**, by – Szliska. Ref: Szliska, –. Untersuchungen über die geistige Arbeit an Kindern und Jugendlichen mit Hilfe dreier Lückentests. Dissertation, University of Bonn, 1923.

884. **Picture Arrangement Tests—"Die Gnomen und die Kirsche,"** by M. Thomas and F. Schlotte. Ref: Thomas, M., and Schlotte, F. Der Bilderbogentest "Die Gnomen und die Kirsche." PdPsArb, 1924, 13.

885. **A Picture Performance Scale**, by J. Tuckman. Ref: Tuckman, J. A picture performance scale. JEdPs, 1935, 26, 17–29.

886. **Word Building Test**, by E. D. Wiersma. Ref: Wiersma, E. D. Intelligenzprüfungen nach Binet und Simon, ein Versuch zur Auffindung neuer Tests. ZAngPs, 1914, 8, 267–275.

887. **Composition Controlled Test**, by W. H. Winch. Ref: Winch, W. H. Some relations between substance memory and productive imagination in school children. BrJPs, 1911, 4, 95–125.

888. **Completion Tests**, by J. Winteler. Ref: Winteler, J. Experimentelle Beiträge zu einer Begabungslehre. ExPäd, 1906, 2, 1–48, 147–247.

The following items have incomplete references or are not available.

889. **Kelley Completion Exercises, Alpha and Beta**, by T. L. Kelley. New York: Bureau of Publications, Teachers College, Columbia University, 1920. (Out of print.)

890. **Composing a Telegram Based on a Letter**, by A. Huth. Mentioned by Stern, W., and Wiegmann, O. Methodensammlung zur Intelligenzprüfung von Kindern und Jugendlichen. Leipzig: J. A. Barth, 1926, p. 375.

891. **Boston Psychopathic Hospital Completion Test.** Ref: Haines, T. H. The diagnostic value of some performance tests. PsR, 1915, 22, 299–305.

LEARNING, MEMORY AND ASSOCIATION

892. **Memory Materials**, by E. F. Mulhall Achilles. Chicago: C. H. Stoelting Co. Ref: Achilles, E. M. Experimental studies in recall and recognition. ArPs, 1920, No. 44.

893. **Opposites Test**, by G. Arthur. Ref: Arthur, G. Standardization of an opposites test. JEdPs, 1923, 14, 483–495.

894. **Averill's Learning Tests**, by L. A. Averill. Chicago: C. H. Stoelting Co. Substitution, free association, opposites, nonsense syllables, meaningful words, computation, memory. Ref: Averill, L. A. Elements of educational psychology. Boston: Houghton, Mifflin Co., 1924.

895. **Memory Tests**, by F. Boas. Ref: Bolton, T. L. The growth of memory in school children. AmJPs, 1891–1892, 4, 362–380.

896. **Boston Psychopathic Hospital Revision of Kent-Rosanoff Free Association Test.** Ref: Smith, R. B., and Rulon, P. J. Report of a high school personnel department. JEdR, 1930, 22, 375–380.

897. **Opposites Test**, by C. C. Brigham. Princeton, N. J.: Princeton University. Ref: Hull, C. L. Aptitude testing. Yonkers, N. Y.: World Book Co., 1927.

898. **Association Test, Opposites**, by C. Burt. Chicago: C. H. Stoelting Co.

899. **Association Test**, by R. B. Cattell. Ref: Cattell, R. B. A guide to mental testing. University of London Press, 1936, p. 249–250.

900. **Retentivity Test**, by R. B. Cattell. Ref: Cattell, R. B. A guide to mental testing. University of London Press, 1936, p. 64–65.

901. **Fifteen Word Memory Test**, by E. Claparède. Ref: Claparède, E. Comment diagnostiquer les aptitudes chez les écoliers. Paris: Flammarion, 1924.

902. **Picture Memory Test**, by E. Claparède. Ref: Claparède, E. Comment diagnostiquer les aptitudes chez les écoliers. Paris: Flammarion, 1924.

903. **Free-Association Tests**, by H. S. Conrad and D. Harris. Ref: Conrad, H. S., and Harris, D. The free-association method and the measurement of adult intelligence. University of California Publications in Psychology, 1931, 5, No. 1, 1–45. Berkeley, Calif.: University of California Press, 1931.

904. **Learning and Memory Tests**, by C. B. Cornell. Ref: Cornell, C. B. A graduated scale for determining mental age. JEdPs, 1917, 8, 539–550.

905. **Memory Span for Nonsense Syllables,** by C. B. Davenport and A. Anastasi. Ref: Schieffelin, B., and Schwesinger, G. C. Mental tests and heredity. New York: Galton Publishing Co., 1930, p. 81.

906. **Learning Tests,** by W. F. Dearborn. Ref: Dearborn, W. F. Experiments in learning. JEdPs, 1910, 1, 373–388.

907. **Memory for Sentences,** by G. Deuchler and J. Herrmann. Ref: Deuchler, G., and Herrmann, J. Die wichtigsten Methoden zur Prüfung der menschlichen Fähigkeiten. Württemberg Lehrerzeitung, 1920, 80, 304–309.

908. **Immediate Visual Memory Test,** by F. M. Earle. Ref: Earle, F. M. Methods of choosing a career. London: George G. Harrap Co., 1931, p. 83.

909. **Eder's Modification of Jung's Association Test,** by M. D. Eder. Chicago: C. H. Stoelting Co.

910. **Memory for Objects Test,** by F. W. Ellis. Chicago: C. H. Stoelting Co., 1915. Ref: Ellis, F. W., and Bingham, A. T. Seventh Annual Report of New York Probation and Protective Association, 1915.

911. **Visual Memory and Recall Tests,** by F. W. Ellis. Chicago: C. H. Stoelting Co., 1927. Ref: Ellis, F. W., and Bingham, A. T. Seventh Annual Report of New York Probation and Protective Association, 1915.

912. **Inverted Figures Test,** by F. W. Ellis. Chicago: C. H. Stoelting Co., 1927. Ref: Ellis, F. W., and Bingham, A. T. Seventh Annual Report of New York Probation and Protective Association, 1915.

913. **Recognition Memory Test,** by G. G. Fernald. Chicago: C. H. Stoelting Co, 1912. Ref: Fernald, G. G. The defective delinquent class differentiating tests. AmJIn, 1912, 68, 523–594.

914. **Tests of Immediate Memory,** by D. Fischler and I. Ullert. Ref: Fischler, D., and Ullert, I. Contribution à l'étude des tests de memoire immediate. ArPs (–f), 1929, 21, 293–306.

915. **Freeman's Immediate and Rote Memory Tests,** by F. N. Freeman. Chicago: C. H. Stoelting Co.

916. **Freud's Association Test,** by S. Freud. Chicago: C. H. Stoelting Co.

917. **Memory Span Test,** by F. Galton. Ref: Galton, F. Supplementary notes on prehension in idiots. Mind, 1887, 12, 79–82.

918. **Repetition of Sentences,** by E. Gassman and E. Schmidt. Ref: Gassman, E., and Schmidt, E. Das Nachsprechen von Sätzen in seiner Beziehung zur Begabung. WiBPdPs, 1913, 3.

919. **Association Test,** by A. R. Gilliland and J. C. Eberhart. Ref: Gilliland, A. R., and Eberhart, J. C. The association test as a measure of delinquency. Journal of Criminal Law and Criminology, 1933, 24, 736–747.

920. **Visual Designs Test,** by M. E. Goudge and H. W. Crane. Modification of Ellis' visual designs test. Chicago: C. H. Stoelting Co., 1927. Ref: Bronner, A. F., Healy, W., Lowe, G. M., and Shimberg, M. E. A manual of individual mental tests and testing. Boston: Little, Brown and Co., 1927, p. 172.

921. **Test for Memory of Names and Faces,** by R. L. Gould. Pittsburgh, Pa.: Division of Cooperative Research, Carnegie Institute of Technology.

922. **Substitution Test,** by C. T. Gray. Ref: Gray, C. T. A new form of substitution test. JEdPs, 1913, 4, 293–297.

923. **Opposites Test in Point Scale Form,** by H. A. Greene. Ref: Greene, H. A. A standardization of certain opposites tests. JEdPs, 1918, 9, 559–568.

924. **Modification of the Peterson Rational Learning Test,** by B. F. Haught. Ref: Haught, B. F. The interrelation of some higher learning processes. PsM, 1921, 30, 6. Also: Nelson, V. L. An analytical study of child learning. ChDev, 1936, 7, 95–114.

925. **Learning Tests,** by W. Healy and A. F. Bronner. Chicago: C. H. Stoelting Co. Ref: Bronner, A. F., Healy, W., Lowe, G. M., and Shimberg, M. E. A

manual of individual mental tests and testing. Boston: Little, Brown and Co., 1927, 76–80.

926. **Digit Memory Span Test—Auditory Presentation.** Ref: Jacobs, J. Experiments on 'prehension.' Mind, 1887, 12, 75–79.

927. **A New Form of the Free Association Test.** Ref: Johnson, A. P. (Ed.) The common responses to a new form of the free association test. Technical Report, Human Engineering Laboratory, Stevens Institute, Hoboken, N. J., 1935, No. 3.

928. **Jung's Association Test,** by C. G. Jung. Chicago: C. H. Stoelting Co., 1903, 1910. Ref: Jung, C. G. Studies in word-association. New York: Moffatt, Yard and Co., 1919. Also: Jung, C. G. The association method. AmJPs, 1910, 21, 219–269.

929. **Kent-Rosanoff Free Association Tests,** by G. H. Kent and A. J. Rosanoff. Range: age 8 through adult. Chicago: C. H. Stoelting Co., 1910. Ref: Kent, G. H., and Rosanoff, A. J. A test of association in insanity. AmJIn, 1910, 67, 37–96. Also: Woodrow, H., and Lowell, F. Children's association frequency tables. PsM, 1916, 22, No. 5.

930. **King and Gold Association Test, Opposites,** by I. King and N. Gold. Chicago: C. H. Stoelting Co. Ref: King, I., and Gold, N. A tentative standardization of certain "opposites" tests. JEdPs, 1916, 7, 459–482.

931. **Kirkwood's Association Learning Test,** by J. A. Kirkwood. Range: young children. Chicago: C. H. Stoelting Co. Ref: Kirkwood, J. A. The learning process in young children. UnIowaSCWelf, 1926, 3, No. 6.

932. **Associative Learning Test,** by L. W. Kline and F. L. Kline. Ref: Kline, L. W., and Kline, F. L. Psychology by experiment. Boston: Ginn and Co., 1927, 216.

933. **Word Association Test of Delinquent Tendencies,** by H. R. Laslett. Ref: Laslett, H. R. Preliminary notes on a test of delinquent tendencies. JDel, 1925, 9, 222–230. Also: PsBul, 1934, 31, 815–817.

934. **Lauterbach's Mirror-Tracing Test,** by C. E. Lauterbach. Chicago: C. H. Stoelting Co. Ref: Lauterbach, C. E. An improved technique in the mirror tracing experiment. JExPs, 1933, 16, 451–453.

935. **Leach and Washburn Object Association Test,** by H. M. Leach and M. F. Washburn. Chicago: C. H. Stoelting Co. Ref: Leach, H. M., and Washburn, M. F. Some tests by the association-reaction method of mental diagnosis. AmJPs, 1910, 21, 162–167.

936. **Letter Square Test,** by C. M. Louttit. Ref: Louttit, C. M. Racial comparisons of ability in immediate recall of logical and nonsense material JSocPs, 1931, 2, 205–215.

937. **Word Connections Test (Controlled Associations),** by J. B. Maller. Range: grade 7 through college. New York: J. B. Maller, Teachers College, Columbia University, 1934. Ref: Maller, J. B. A controlled association test for the indirect measurement of emotionalized response patterns. New York: J. B. Maller, Teachers College. Also: Maller, J. B., and Lundeen, G. E. Superstition and emotional maladjustment. JEdR, 1934, 27, 592–617.

938. **Apparatus for Serial Order Learning,** by W. McTeer. Ref: McTeer, W. A new device for serial order learning. JExPs, 1931, 14, 446–452.

939. **Association Test, Opposites,** by M. H. Means. Chicago: C. H. Stoelting Co. Ref: Means, M. H. Tentative standardization of a hard opposites test. PsM, 1921, 30, No. 134, p. 65.

940. **Metfessel's Stimulus Cards,** by M. Metfessel. (Free Association Test for Defectives). Chicago: C. H. Stoelting Co.

941. **Mira's PP test (Writing all words beginning with P.),** by E. Mira. Ref: Serebrinsky, B. Contribución al estudio de la associación de ideas mediante una modificación de la prueba Mira. RevPsicolPedag, 1935, 3, 75–82.

942. **Test of Word Meanings and Association**, by G. Müller. Ref: Müller, G. Ein Beitrag zur Prüfung logischer Fähigkeiten. ArGsPs, 1925, 50, 187–204.

943. **Paterson's Minnesota Speed Test (Uncontrolled Association)**, by D. G. Paterson. Ref: American Council on Education. Measurement and guidance of college students. Baltimore, Md.: Williams and Wilkins Co., 1933.

944. **Learning Tests**, by J. Peterson, H. M. Walker, and L. H. Lanier. Ref: Peterson, J., Walker, H. M., and Lanier, L. H. Comparison of white and negro children in certain ingenuity and speed tests. JComPs, 1925, 5, 271–283.

945. **Poffenberger's Learning Tests**, by A. T. Poffenberger. Chicago: C. H. Stoelting Co. Includes nonsense syllables, letter substitution test, letter-digit substitution test, memory span tests, etc. Ref: Poffenberger, A. T. Experimental psychology. Chicago: C. H. Stoelting Co., 1926.

946. **Poffenberger's Recognition Test**, by A. T. Poffenberger. Chicago: C. H. Stoelting Co. Ref: Poffenberger, A. T. Experimental psychology. Chicago: C. H. Stoelting Co.

947. **Pressey Idiosyncrasy Test.** Ref: Greene, J. E. The relative reliability and validity of rational learning tests as affected by length of test and order of administration. Nashville, Tenn.: Peabody College Contributions to Education, 1932, No. 95.

948. **Pressey Total Affectivity Test.** Ref: Greene, J. E. The relative reliability and validity of rational learning tests as affected by length of test and order of administration. Nashville, Tenn.: Peabody College Contributions to Education, 1932, No. 95.

949. **Pyle's Learning Tests**, by W. H. Pyle. Chicago: C. H. Stoelting Co. Includes substitution, ideational, auditory, visual, verbatim, word cards, associative-learning cards, mirror-drawing test, memory, learning apparatus, etc. Ref: Pyle, W. H. The nature and development of learning capacity. Baltimore, Md.: Warwick and York, 1925. Also: Pyle, W. H. The psychology of learning. Baltimore: Warwick and York, 1928.

950. **Association Test for Twelve to Fourteen Year Old Subjects**, by G. Ries. Ref: Ries, G. Beiträge zur Methodik der Intelligenzprüfung. ZPs, 1910, 56, 321–343.

951. **Rogers' Association Test, Opposites**, by H. W. Rogers. Chicago: C. H. Stoelting Co. Ref: Rogers, H. W. Psychological tests for stenographers and typewriters. JApPs, 1917, 1, 268–274.

952. **Free Association Test Method**, by F. Römer. Ref: Römer, F. Association-Versuche an geistig zurückgebliebenen Kindern. FsPs, 1914, 3, 43–101.

953. **Association Test, Uncontrolled**, by A. J. Rosanoff, H. E. Martin, and I. R. Rosanoff. Chicago: C. H. Stoelting Co. Ref: Rosanoff, A. J., Martin, H. E., and Rosanoff, I. R. A higher scale of mental measurements and its application to cases of insanity. PsM, 1918, 25, No. 109.

954. **Visual Verbal Memory Test**, by C. Schmitt. Chicago: C. H. Stoelting Co. Ref: Schmitt, C. Standardization of tests for defective children. PsM, 1915, No. 3.

955. **Shakow and Kent Association Test, Arithmetical**, by D. Shakow and G. Kent. Chicago: C. H. Stoelting Co. Ref: Bronner, A. F., Healy, W., Lowe, G. M., and Shimberg, M. E. A manual of individual mental tests and testing. Boston: Little, Brown and Co., 1927.

956. **Essential Differences Test**, by D. Shakow and G. Kent. Chicago: C. H. Stoelting Co. Ref: Bronner, A. F., Healy, W., Lowe, G. M., and Shimberg, M. E. A manual of individual mental tests and testing. Boston: Little, Brown and Co., 1927.

957. **Strong's Learning Tests**, by E. K. Strong, Jr. Chicago: C. H. Stoelting Co. Includes Japanese and Spanish Vocabulary, Arithmetical Learning Test, Mirror-Drawing Test, Retention Test.

958. **Thorndike Association Test, Opposites,** by E. L. Thorndike. Chicago: C. H. Stoelting Co.

959. **Tests for Measuring Disciplinary Values,** by E. L. Thorndike. Ref: Thorndike, E. L. Instruments for measuring the disciplinary values of studies. JEdR, 1922, 5, 269–279.

960. **Tinker's Association Test, Opposites,** by M. A. Tinker. Chicago: C. H. Stoelting Co. Ref: Foster, W. S., and Tinker, M. A. Experiments in psychology. New York: Henry Holt and Co., 1923.

961. **Wallin's Learning Tests,** by J. E. W. Wallin. Chicago: C. H. Stoelting Co. Includes Spontaneous Association Test, Antonyms Association Test, Immediate Memory Test.

962. **Weidensall's Learning Tests,** by J. Weidensall. Chicago: C. H. Stoelting Co. Includes Association Test, Immediate Memory Test, Reading and Recall, etc.

963. **Association Tests,** by F. Weigl. Ref: Weigl, F. Experimentell-pädagogische Erforschung der Begabungsdifferenzen. Donauwörth: Pädagogische Zeitfragen, 1914.

964. **Memory Test Series,** by F. L. Wells and H. A. A. Martin. Ref: Wells, F. L., and Martin, H. A. A. A method of memory examination suitable for psychotic individuals. AmJPsychiat, 1923, 3, 243–257.

965. **Association Tests,** by M. Wertheimer. Ref: Wertheimer, M. Experimentelle Untersuchungen zur Tatbestandsdiagnostik. ArGsPs, 1905, 6, 59–133.

966. **Tests of Association,** by G. M. Whipple.
Test 33. Uncontrolled Association—Continuous Method
Test 34. Controlled Association—Logical Relations
Test 34a. Analogies
Test 35. Controlled Association—Computation
Chicago: C. H. Stoelting Co. Ref: Whipple, G. M. Manual of mental and physical tests, Volume II. Baltimore, Md.: Warwick and York, 1915, 44–119.

967. **Learning Tests,** by G. M. Whipple.
Test 36. Mirror-Drawing
Test 37. Substitution
Chicago: C. H. Stoelting Co. Ref: Whipple, G. M. Manual of mental and physical tests, Volume II. Baltimore, Md.: Warwick and York, 1915, 119–150.

968. **Memory Tests,** by G. M. Whipple.
Test 38. Memory for Serial Impressions: 'Rote' Memory
Test 39. Memory for Ideas: 'Logical' Memory. (J. C. Shaw, collaborator.)
Chicago: C. H. Stoelting Co. Ref: Whipple, G. M. Manual of mental and physical tests, Volume II. Baltimore, Md.: Warwick and York, 1915, 150–221.

969. **Free and Controlled Association Tests,** by J. Winteler. Ref: Winteler, J. Experimentelle Beiträge zu einer Begabungslehre. ExPäd, 1906, 2, 1–48; 147–247.

970. **Children's Association Frequency Tables,** by H. Woodrow and F. Lowell. Ref: Woodrow, H., and Lowell, F. Children's association frequency tables. PsM, 1916, No. 97, p. 41.

971. **Association Tests,** by R. S. Woodworth and F. L. Wells. Chicago: C. H. Stoelting Co. Ref: Woodworth, R. S., and Wells, F. L. Association tests. PsM, 1911, 13, No. 57.

972. **Woolley and Fischer Association Test, Opposites,** by H. T. Woolley and C. R. Fischer. Chicago: C. H. Stoelting Co.

973. **Woolley and Fischer Immediate Memory Test,** by H. T. Woolley and C. R. Fischer. Chicago: C. H. Stoelting Co.

974. **Opposites Tests,** by A. T. Wylie. Ref: Wylie, A. T. The opposites tests. TCConEd, 1925, No. 170.

LANGUAGE AND SPEECH

See also: Mental Tests for Infants, Nursery School and Kindergarten Children, pp. 6–12; English Fundamentals, Language Usage and Grammar, pp. 102–108.

975. **Blanton and Stinchfield Speech Measurements,** by S. Blanton, M. G. Blanton, and S. Stinchfield. Range: preschool to adult. Chicago: C. H. Stoelting Co., 1926. Ref: (1) Stinchfield, S. The formulation and standardization of a series of graded speech tests. PsM, 1923, No. 149. (2) Stinchfield, S. Speech pathology, with methods in speech correction. Also, Stinchfield, S. The psychology of speech. Boston: Expression Co., 1928.

976. **Synonyms Test, Test 23,** by C. Burt. Ref: Burt, C. Mental and scholastic tests. London: P. S. King and Son, 1921.

977. **Opposites Test, Test 21,** by C. Burt. Ref: Burt, C. Mental and scholastic tests. London: P. S. King and Son, 1921.

978. **Definitions Test, Test 24,** by C. Burt. Ref: Burt, C. Mental and scholastic tests. London: P. S. King and Son, 1921.

979. **Examination of Speech-Defectives,** by C. Burt. Ref: Burt, C. The backward child. New York: D. Appleton-Century Co., 1937, Appendix IV.

980. **Mooseheart Phonetic Discrimination Test,** by J. A. Carrell. Chicago: C. H. Stoelting Co., 1937.

981. **Language Completion Tests,** by H. Ebbinghaus. Chicago: C. H. Stoelting Co. Ref: Ebbinghaus, H. Über eine neue Methode zur Prüfung geistiger Fähigkeiten und ihre Anwendung bei Schulkindern. ZPs, 1897, 13, 401–459.

982. **Psychological Examination of Stuttering Children,** by G. Geissler. Ref: Geissler, G. Psychologische Untersuchungsmethoden für stammelnde und stotternde Kinder. ZPädPs, 1931, 32, 345–353.

983. **Gordon's Dissected Story Test.** Ref: Downey, J. A program for a psychology of literature. JApPs, 1918, 2, 366–377.

984. **Greene Linguistic Organization Tests,** by H. A. Greene. Range: grades 3–12. Ref: Greene, H. A. Tests for the measurement of certain phases of linguistic organization in sentences. JEdPs, 1920, 11, 517–525.

985. **Definitions Tests,** by A. Gregor. Ref: Gregor, A. Intelligenz-Untersuchungen mit der Definitionsmethode. MPtN, 1914, 36, 1–18.

986. **Measures of Speech,** by J. W. Hawthorne. Ref: Hawthorne, J. W. An attempt to measure certain phases of speech. JGenetPs, 1934, 10, 399–414.

987. **Tests for Aphasia,** by H. Head. Ref: Head, H. Aphasia and kindred disorders of speech. New York: Macmillan Co., 1926.

988. **Speech Perception Test,** by T. H. Howells and J. B. Schooland. With phonograph records. Ref: Journal of the Colorado-Wyoming Academy of Science, 1931.

989. **Speech Tests,** by C. V. Hudgins. Ref: Hudgins, C. V. Experimental phonetics. A. R. Clarke School for the Deaf, 1935, 68, 27–31.

990. **Kelly Speech and Reading Scale,** by G. A. Kelly. Hays, Kansas: Fort Hays State College.

991. **A Public Speaking Rating Scale,** by F. H. Knower. Ref: Knower, F. H. A suggestive study of public speaking rating scale values. Quarterly Journal of Speech Education, 1929, 15, 30–41.

992. **A Diagnostic Method for Analyzing and Treating Speech Defects,** by J. A. Larson and H. Gibbons. Ref: Larson, J. A., and Gibbons, H. Psychological integration as a therapeutic approach in the study of speech disorders. Proceedings and Addresses of the American Association of Mental Deficiency, 1933, 38, 149–160.

993. **Plymouth Educational Tests, No. 41A, Antonyms,** by J. E. McDade. Range: grades 4–8. Chicago: Plymouth Press, 1918.

994. **Plymouth Educational Tests, No. 42A, Synonyms,** by J. E. McDade. Range: grades 4–8. Chicago: Plymouth Press, 1918.

995. **Teachers College Speech Rating Test for Adults,** by E. D. McDowell. Department of Speech, Teachers College, Columbia University, New York.

996. **Test of Speech Defects in Children,** by C. E. Morrison. Ref: Morrison, C. E. Speech defects in young children. PsCl, 1914–1915, 8, 138–142.

997. **Definitions Test (Polish),** by H. Radosuska-Strezemecka. Ref: Radosuska-Strezemecka, H. Le test de definition. International Bulletin for the Science of Social Pedagogy, 1930.

998. **Tests of Verbal and Numerical Abilities,** by M. Schneck. Ref: Schneck, M. Measure of verbal and numerical abilities. ArPs, 1929, No. 107.

999. **Kindergarten-Primary Articulation Test,** by I. Sherman and B. Kenevan. Winona, Minn: Winona Public Schools, 1935–1937.

1000. **Stinchfield's Speech Measurements for the Handicapped,** by S. M. Stinchfield. Range: preschool–adult. Chicago: C. H. Stoelting Co. Ref: Stinchfield, S. M. Speech pathology. Boston: Expression Co., 1928.

1001. **Stinchfield Speech Test (Handy-Pack),** by S. Stinchfield-Hawk. Chicago: C. H. Stoelting Co., 1937.

1002. **Detroit Public Schools Speech Tests,** by C. B. Stoddard. Detroit, Mich.: Board of Education, Detroit Public Schools, 1924.

1003. **Travis-Ramus Speech Comprehension Test,** by L. E. Travis and B. J. Ramus. Ref: Travis, L. E., and Ramus, B. J. The speech-sound discrimination ability of cases with functional disorders of articulation. Quarterly Journal of Speech Education, 1931, 17, 217–226. Also: Travis, L. E. Speech pathology. New York: D. Appleton-Century Co., 1931, pp. 215ff.

1004. **Tests of Aphasia,** by L. E. Travis. Ref: Travis, L. E. Speech pathology. New York: D. Appleton-Century Co., 1931, 237–249.

1005. **Tests of Aphasia,** by T. Weisenburg and K. E. McBride. Ref: Weisenburg, T., and McBride, K. E. Aphasia, a clinical and psychological study. New York: Commonwealth Fund, 1935. Appendix II, pp. 567–601.

See also addenda, Tests 4260, 4265.

VOCABULARY

See also: Reading, pp. 144–154, and English, pp. 102–108.

1006. **Los Angeles Sentence Vocabulary Test,** by C. Armstrong and C. L. Danielson. Range: grades 3–9. Los Angeles, Calif.: Southern California School Book Depository, 1926.

1007. **Wide Range Vocabulary Tests,** by C. R. Atwell and F. L. Wells. Range: grade 3 through college. New York: Psychological Corporation, 1937.

1008. **Vocabulary Tests,** by F. G. Bonser and others. Ref: Bonser, F. G., Burch, L. H., and Turner, M. R. Vocabulary tests as measures of school efficiency. SchSoc, 1915, 2, 713–719.

1009. **Vocabulary Tests,** by G. C. Brandenburg. Ref: Brandenburg, G. C. Vocabulary tests. JEdPs, 1918, 9, 313–332.

1010. **Chinese Vocabulary Test,** by Y. Chang. Ref: ChJPs, 1922, 1, No. 1.

1011. **Vocabulary Test,** by N. B. Cuff. Ref: Cuff, N. B. Vocabulary tests. JEdPs, 1930, 2, 213–220.

1012. **Vocabulary Tests,** by E. W. Doran. Ref: Doran, E. W. A study of vocabularies. PedSem, 1907, 14, 401–438.

1013. **A Lower Extension of the Inglis Tests of English Vocabulary,** by C. M. Downing and C. S. Thomas. Range: grades 6–10. Boston: Ginn and Co.,

1932. Ref: Downing, C. M. A lower extension of the Inglis tests of English vocabulary. The English Leaflet, 1933, 32, 21–30.

1014. **False Definition Test**, by F. M. Gerlach. Colorado Springs, Colo.: Denton Printing Co. Ref: Gerlach, F. M. Vocabulary studies. Colorado Studies in Education and Psychology, 1917.

1015. **Michigan Vocabulary Profile**, by E. B. Greene. Range: high school and college. Ann Arbor, Mich.: E. B. Greene, University of Michigan, 1937.

1016. **Definitions Test**, by Hamburg Psychological Laboratory. Ref: Stern, W., and Wiegmann, O. Methodensammlung zur Intelligenzprüfung von Kindern und Jugendlichen. Leipzig: J. A. Barth, 1926, p. 304.

1017. **Vocabulary Test**, by M. Heinau and P. Schröder. Ref: Heinau, M., and Schröder, P. Der Wortschatztest. ZPädPs, 1928, 29, 516–536.

1018. **Hill Test of Word-Meanings for Primary Grades**, by H. S. Hill. Bloomington, Ill.: Public School Publishing Co., 1930.

1019. **Holley Sentence Vocabulary Scales**, by C. E. Holley. Range: grades 3–8, 7–12. Bloomington, Ill.: Public School Publishing Co., 1919.

1020. **Inglis Test of English Vocabulary**, by A. Inglis. Range: high school and college. Boston: Ginn and Co., 1923.

1021. **Vocabulary: Every Pupil Scholarship Test**, by V. Davis and H. E. Schrammel. Range: grades 7–12. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College, 1936.

1022. **Kennon Test of Literary Vocabulary**, by L. H. V. Kennon. Range: teachers of English and college students. New York: Bureau of Publications, Teachers College, Columbia University, 1931. Ref: Kennon, L. H. V. Tests of literary vocabulary for teachers of English. TCConEd, 1926, No. 223.

1023. **Kirkpatrick-Whipple Vocabulary Test**, by E. A. Kirkpatrick and G. M. Whipple. Range: college students. Chicago: C. H. Stoelting Co.

1024. **Test of the Understanding of English Vocabulary (for Japanese subjects)**, by Y. Kubo. Ref: [The tests of the understanding of English vocabularies.] Jidokenkyujo, 1927, 10, 821–828.

1025. **Markham English Vocabulary Tests for High School and College Students**, by W. T. Markham. Bloomington, Ill.: Public School Publishing Co., 1929.

1026. **Neher's High School Vocabulary Scale**, by H. S. Neher. Ref: Smith, H. L., and Wright, W. W. Second revision of the bibliography of educational measurements. Bulletin of the School of Education, Indiana University, 1927, 4, 99.

1027. **English Vocabulary Test: Worksample 95**, by J. O'Connor. Range: grade 10 through adult. New York: Psychological Corporation, 1934. Ref: Johnson, A. P. (Editor). First revision of Form E of the English Vocabulary Test, Worksample 95. Technical Report, Human Engineering Laboratory, 1935, No. 5. Stevens Institute, Hoboken, N. J.

1028. **A Junior English Vocabulary Test**, by J. O'Connor and M. E. Filley. Ref: O'Connor, J., and Filley, M. E. A junior English vocabulary test. PerJ, 1933–34, 12, 204–212.

1029. **Survey Tests of Vocabulary**, by L. J. O'Rourke. Range: grades 3–13. Ref: O'Rourke, L. P. Rebuilding the English usage curriculum to insure greater mastery of essentials. Washington, D. C.: Psychological Institute, 1934.

1030. **Vocabulary Test**, by J. C. Peterson. One of the team of tests given to college freshmen. Manhattan, Kansas: J. C. Peterson, Kansas State College of Agriculture and Applied Science, 1929.

1031. **Pressey Diagnostic Vocabulary Test for Grades 1A to 3A**, by S. L. Pressey and L. C. Pressey. Bloomington, Ill.: Public School Publishing Co., 1929.

1032. **Pressey Technical Vocabularies of the Public School Subjects**, by L. C. Pressey. Bloomington, Ill.: Public School Publishing Co., 1923. Ref:

Pressey, L. C. An investigation of the technical vocabularies of the school subjects. Educational Research Bulletin, Ohio State University, April, 1924, 3, 182–185.

1033. **Detroit Public Schools Vocabulary Test**, by P. T. Rankin et al. Detroit, Mich.: Department of Instruction, Detroit Public Schools.

1034. **English Recognition Vocabulary Test**, by R. H. Seashore and L. M. Eckerson. Los Angeles, Calif.: The Authors, 1937.

1035. **Oregon Test of Recognition Vocabulary for Non-Technical English Words**, by R. H. Seashore and R. W. Leighton. Eugene, Oregon: University of Oregon.

1036. **Stormzand Vocabulary Test for Pupils Entering the First Grade**, by M. J. Stormzand. Ref: Glendale (California) Course of Study.

1037. **Vocabulary Test**, by L. M. Terman and H. G. Childs (Modified by G. M. Whipple). Included in the Terman-Childs Revision of the Binet-Simon Scale. Chicago: C. H. Stoelting Co. Ref: Terman, L. M., and Childs, H. G. A tentative revision and extension of the Binet-Simon measuring scale of intelligence. JEdPs, 1912, 3, 198–208.

1038. **Vocabulary Test**, by G. H. Thomson and F. W. Smith. Ref: Thomson, G. H., and Smith, F. W. The recognition vocabulary of children. BrJPs, 1915, 8, 48–51.

1039. **Thorndike Test of Word Knowledge**, by E. L. Thorndike. Range: grades 4–9. New York: Bureau of Publications, Teachers College, Columbia University, 1921. Ref: Thorndike, E. L. The teacher's word book of 10,000 words. New York: Bureau of Publications, Teachers College, Columbia University.

1040. **Vocabulary Tests (General Intelligence)**, by F. Watts. Range: ages 10–15. London: University of London Press, 1931.

1041. **Vocabulary Information Test**, by A. L. Weeks. Ref: Weeks, A. L. Vocabulary information test. ArPs, 1928, 15, No. 97, p. 71.

1042. **Southington-Plymouth English Vocabulary Tests**, by E. C. Witham. Range: grades 5–12. Newark, N. J.: J. L. Hammett Co., 1921.

1043. **Definitions Test**, by A. Yoda. Ref: Yoda, A. A study of children's thought processes by means of a definitions test. JapJPs, 1929, 4, 469–524.

See also addenda, Tests 4223, 4232, 4255.

The following items have incomplete references or are not available.

1044. **Starch's English Vocabulary Test**, by D. Starch. Range: grade 4—college. Madison, Wis.: University Cooperative Co., 1915. (Not available.)

1045. **Thorndike's Visual Vocabulary Scale**, by E. L. Thorndike. Range: grades 3—high school. New York: Bureau of Publications, Teachers College, Columbia University, 1916, 1920. (Out of print.)

1046. **English Vocabulary Test, Worksample No. 95**, by J. O'Connor and A. Inglis. Boston: Ginn and Co. (Out of print.)

1047. **Jones Vocabulary Test.** Ref: Gray, W. S. Remedial cases in reading—their diagnosis and treatment. University of Chicago. Supplementary Educational Monographs, 1922, No. 22.

REASONING, THINKING, ANALOGIES

1048. **Analogy Test**, by L. Anderson. Chicago: C. H. Stoelting Co., 1932. Contained in the Thurstone 1931 Edition College Entrance Test.

1049. **Ballard Absurdities Test**, by P. B. Ballard. Ref: Ballard, P. B. Ballard group tests of intelligence. London: Hodder and Stoughton, 1923, p. 44. Also: Ballard, P. B. The limit of growth of intelligence. BrJPs, 1921, 12, 125–141.

1050. **Analogies Test**, by F. Baumgarten. Ref: Baumgarten, F. Der Analogietest. PrakPs, 1923, 4, 201–210.

1051. **Briggs Analogies Tests**, by T. H. Briggs. New York: T. H. Briggs, Teachers College, Columbia University. Ref: Smith, H. L., and Wright, W. W. Second revision of the bibliography of educational measurements. Bulletin of the School of Education, Indiana University, 1927, 4, 135.

1052. **Puzzle and Reasoning Tests and Line Suggestion**, by C. C. Brigham. Ref: Brigham, C. C. The diagnostic value of some mental tests. PsM, 1917, 24, No. 102.

1053. **Absurdities Test, Test 27**, by C. Burt. Ref: Burt, C. Mental and scholastic tests. London: P. S. King and Son, 1921.

1054. **Analogies Test, Test 22**, by C. Burt. Ref: Burt, C. Mental and scholastic tests. London: P. S. King and Son, 1921.

1055. **Written Tests of Reasoning**, by C. Burt. Ref: Burt, C. Experimental tests of higher mental processes. JExPed, 1911, 1, 93–112.

1056. **Graded Reasoning Tests**, by C. Burt. Range: ages 7–14. Ref: Burt, C. Mental and scholastic tests. London: P. S. King and Son, p. 237–242. Also: Burt, C. The development of reasoning in school children. JExPed, 1919, 5, 68–77; 121–127.

1057. **Test of Proverbs**, by E. Claparède. Ref: Claparède, E. Comment diagnostiquer les aptitudes chez les écoliers. Paris: Flammarion, 1929, p. 265.

1058. **Bristol Group Reasoning Tests**, by B. Dale. London: University of London Press, 1926. Ref: Dale, B. Group tests of reasoning ability. BrJPs, 1926, 16, 314–338.

1059. **Syllogistic Reasoning Tests**, by G. Deuchler. Ref: Deuchler, G. Über Schlussversuche, insbesondere an Kindern und Jugendlichen. ZPädPs, 1920, 21, 23–41.

1060. **Test of Reasoning (Proverbs)**, by W. H. A. Dockerill and A. J. Fennings. Ref: Dockerill, W. H. A., and Fennings, A. J. A new test of reasoning. JExPs, 1914, 2, 357–361.

1061. **Greys Analogy Test**, by A. H. El Koussy. El Koussy, A. H. A note on the greys analogy test. BrJEdPs, 1934, 4, 294–295.

1062. **Reasoning Tests**, by T. Erismann. Range: ages 3–10. Ref: Erismann, T. Das logische Schliessen der Kinder im Alter von 3–10 Jahren. ArGsPs, 1930, 77, 307–352.

1063. **Group Reasoning Tests**, by M. M. Fairgrieve. Ref: Fairgrieve, M. M. A mass test with Mr. Cyril Burt's intelligence questions. JExPed, 1921, 6, 27.

1064. **Fox's Reasoning Tests**, by C. Fox. Range: college students. Ref: Cattell, R. B. A guide to mental testing. University of London Press, 1936, p. 60.

1065. **Purposive Thinking Test**, by T. R. Garth. Chicago: C. H. Stoelting Co., 1932. Ref: Garth, T. R. The psychology of riddle solution: an experiment in purposive thinking. JEdPs, 1920, 11, 16–33. Also: Garth, T. R. Riddles as a mental test. AmJPs, 1935, 47, 342–344.

1066. **Hindusthani Foreign Language Test**, by S. Ghosh. Ref: Ghosh, S. Investigation into the validity of an intelligence test element such as the Hindusthani test (A6, B6) in the Northumberland Test (No. 1). IndJPs, 1931, 6, 61–70.

1067. **Reasoning Tests for Children**, by S. B. Gupta. Ref: Gupta, S. B. Application of newly devised tests to a group of 55 children to find out how the children aged seven years reason. IndJPs, 1936, 11, 31–80.

1068. **Absurdities Tests**, by M. F. Hausmann. A translation of Stern's Absurdities Test. Ref: Stern, W. Hohere Intelligenztests zur Prüfung Jugendlicher. ZPädPs, 1918, 19. Also: Hausmann, M. F. A method to objectively demonstrate thinking difficulties. AmJPsychiat, 1933, 13, 613–625.

1069. **Herring Tests of Scientific Thinking**, by J. P. Herring. Range: grades 9–12. Ref: Herring, J. P. Measurement of some abilities in scientific thinking. JEdPs, 1918, 9, 535–558.

1070. **Kemp Maxim Test**, by E. C. Kemp. Chicago: C. H. Stoelting Co., 1932. Ref: Kemp, E. C. Maxims as tests of verbal insight. New York: Dissertation for Degree of Doctor of Pedagogy, New York University, 1915.

1071. **Analogies Test**, by Kraushaar. Ref: Kraushaar. Der Analogietest in der Intelligenzprüfung. Ein Versuch an Volksschülern. ZPädPs, 1926, 27, 462–476.

1072. **Test of Logical Intelligence**, by J. M. Lahy. Range: age 9 and over. Ref: Lahy, J. M. Un test d'intelligence logique. Travail Humain, 1933, 1, 129–151.

1073. **Analysis of Reasoning Apparatus**, by M. E. Lazerte. Chicago: C. H. Stoelting Co., 1932.

1074. **Word Relationship Test**, by L. H. Limper. One of the team of tests given to college freshmen. Manhattan, Kansas: L. H. Limper, Kansas State College of Agriculture and Applied Science, 1929.

1075. **Test of Inferences**, by E. H. Magson. Ref: Magson, E. H. How we judge intelligence. BrJPsM, 1926, 3, No. 9.

1076. **Reckoning Test**, by W. T. Maloney. Ref: Maloney, W. T. On the reckoning test and its uses in psychiatry. RevNeurPsychiat, 1911, 9, 366–377.

1077. **Reasoning Tests**, by R. C. Moore. Ref: Moore, R. C. Tests of reasoning and their relations to general mental ability. Report of the British Association for the Advancement of Science, 1913, 83, 684–685.

1078. **Reasoning Tests**, by T. V. Moore. Ref: Moore, T. V. The reasoning ability of children in the first years of school life. Studies in Psychology and Psychiatry, 1929, 2, No. 2. Baltimore, Md.: Williams and Wilkins Co.

1079. **Two Logical Reasoning Tests**, by G. Müller. Range: ages 10–15 years. Ref: Müller, G. Ein Beitrag zur Prüfung logischer Fähigkeiten. ArGsPs, 1925, 50, 187–204.

1080. **Test of Meanings**, by S. Narayana. Ref: Narayana, S. Affectivity for pictorial and for verbal presentation of meanings to school children. Psychological Studies, University of Mysore, India, 1926, 1, 61–63.

1081. **Test of Generalizing Ability**, by G. M. Peterson. Ref: Peterson, G. M. An empirical study of the ability to generalize. JGenPs, 1932, 6, 90–114.

1082. **Five Tests of Reasoning, Generalization, Abstract Thought, Memory and Accuracy**, by H. A. Peterson. Ref: Peterson, H. A. Correlation of certain mental traits in normal school students. PsR, 1908, 15, 323–338.

1083. **Test of Brothers**, by J. Piaget and S. Escher. Ref: Escher, S., and Piaget, J. Qu'est-ce qu'un frère? L'Educateur, October 28, 1922.

1084. **Tests in "the Logic of Relations,"** by J. Piaget. Ref: Piaget, J. Judgment and reasoning in the child. New York: Harcourt Brace and Co., 1928.

1085. **Test of Ability to Group "Cause and Effect" Relationships**, by G. Ries. Ref: Ries, G. Beiträge zur Methodik der Intelligenzprüfung. ZPs, 1910, 56, 321-343.

1086. **Analogies Test**, by R. Pintner and S. Renshaw. Ref: Pintner, R., and Renshaw, S. A standardization and weighting of two hundred analogies. JApPs, 1920, 4, 263–273.

1087. **English-African Proverb Test**, by H. A. Ruger. Ref: Thorndike, E. L., Ruger, H. A., and McCall, W. A. The effects of outside air and recirculated air upon the intellectual achievement and improvement of school pupils: a second experiment. SchSoc, 1916, 4, 261–264.

1088. **Logical Relations Test**, by W. Schubert. Ref: PdPsArb, 1919, 17.

1089. **Test of Absurd Sentences**, by A. Schuler and E. Claparède. Range: years 5–14. Ref: Schuler, A., and Claparède, E. Le test des phrases absurdes. Intermediaire des Educateurs, 1917, No. 49.

1090. **Syllogistic Reasoning Tests**, by H. Schüssler. Range: years 11–14. Ref: Schüssler, H. Ist die Behauptung Meumann's richtig: Kinder können im allgemeinen vor dem 14. Lebensjahr nicht logisch schliessen? ZAngPs, 1916, 11, 480–497.

1091. **Tests of Syllogistic Reasoning**, by G. Störring. Ref: Störring, G. Experimentelle Unterschungen über einfache Schluss-prozesse. ArGsPs, 1908, 11, 1–127.

1092. **Test of Rational Acts of Children**, by J. S. Szymanski. Ref: Szymanski, J. S. Versuche über die Entwicklung der Fähigkeit zum rationellen Handeln bei Kindern. ZPs, 1917, 78, 317–321.

1093. **Thurstone's Proverbs Test**, by L. L. Thurstone. Chicago: C. H. Stoelting Co. Ref: Bronner, A. F., Healy, W., Lowe, G. M., and Shimberg, M. E. A manual of individual mental tests and testing. Boston: Little, Brown and Co., 1927.

1094. **Thurstone's Syllogism Test**, by L. L. Thurstone. Chicago: C. H. Stoelting Co. Ref: Bronner, A. F., Healy, W., Lowe, G. M., and Shimberg, M. E. A manual of individual mental tests and testing. Boston: Little, Brown and Co., 1927.

1095. **Measuring the Ability to Infer**, by R. Tyler. Ref: Tyler, R. Measuring the ability to infer. Educational Research Bulletin, Ohio State University, 1930, No. 17, 9, 475–480.

1096. **Iowa State College Reasoning Test**, by T. F. Vance. Ames, Iowa: Iowa State College. Ref: Vance, T. F. The Iowa State College reasoning test. PsM, 1928, 39, No. 178, 72–77.

1097. **Three Tests of Logic**, by Tr. Van der Driessche. Ref: Van der Driessche, Tr. Recherches sur trois épreuves de logique appliquées à des élèves frequentant le 4e degre d'une école primaire (12 à 15 ans). BuInNat Prof, 1929, 9, 14–34.

1098. **A Series of Arithmetical Reasoning Problems**, by H. Voight and G. Köhler. Problems 1–6 are the work of Köhler. Ref: Köhler, G. Experimentell-pädagogische Untersuchungen über die Entwicklung der mathematischen Kritikfahigkeit. ZPädPs, 1924, 25, 94–100.

1099. **Reasoning Tests**, by W. H. Winch. Ref: Winch, W. H. Some new reasoning tests suitable for the mental examination of school children. BrJPs, 1914, 7, 190–226.

The following items have incomplete references or are not available.

1100. **Herrich Test of Generalizations.** Range: grades 11–12. Mentioned in Kelley, T. L., and Krey, A. C. Tests and measurements in the social sciences. New York: Charles Scribner's Sons, 1934, p. 613.

1101. **Explaining Simple Mottoes or Proverbs**, by Finckh. Mentioned by Franz, S. I. Handbook of mental examination methods. New York: Macmillan Company, 1919.

1102. **Syllogistic Reasoning Tests**, by J. Lindworsky. Mentioned by Stern, W., and Wiegmann, O. Methodensammlung zur Intelligenzprüfung von Kindern und Jugendlichen. Leipzig: J. A. Barth, 1926, p. 313.

SUGGESTIBILITY

1103. **Tests of Suggestibility**, by F. Aveling and H. L. Hargreaves. Ref: Aveling, F., and Hargreaves, H. L. Suggestibility with and without prestige in children. BrJPs, 1921, 12, 53–75.

1104. **Tests of Suggestion**, by A. Binet. Ref: Binet, A. La suggestibilité. Paris: Schleicher Frères, 1900.

1105. **Suggestibility Tests**, by W. W. Brown. Ref: Brown, W. W. Individual and sex differences in suggestibility. University of California Publications, No. 2, 1916.

1106. **Line Suggestion Test,** by A. Binet and T. Simon. Chicago: C. H. Stoelting Co. Also contained in 1905 Binet-Simon Scale.

1107. **Situation Test in a Study of Suggestibility,** by T. Bonte. Ref: Bonte, T. Ueber die Suggestibilität von Eidetikern und Nicheidetikern. ZAngPs, 1933, 44, 161–192.

1108. **Tests of Suggestibility,** by L. W. Davis and R. W. Husband. Ref: Davis, L. W., and Husband, R. W. A study of hypnotic susceptibility in relation to personality traits. JAbSoPs, 1931, 26, 175–182.

1109. **DeMoor's Weight Illusion Blocks,** by J. DeMoor. Chicago: C. H. Stoelting Co. Ref: Doll, E. A. The DeMoor size-weight illusion. TrSchB, 1913, 9, 145–149.

1110. **Test of Suggestibility,** by C. L. Hull. Ref: Hull, C. L. Quantitative methods of investigating waking suggestion. JAbSoPs, 1929, 24, 153–169.

1111. **Portable Phonographic Apparatus for Giving Objectively Uniform Suggestions,** by C. L. Hull, R. G. Krueger and G. W. Williams. Ref: Hull, C. L., Krueger, R. G., and Williams, G. W. A portable phonographic apparatus for giving objectively uniform suggestions. AmJPs, 1930, 42, 442–444.

1112. **Tests of Suggestion for Sense Impressions,** by O. Kosog. Ref: Kosog, O. Suggestion einfacher Sinneswahrnehmungen bei Schulkindern. BPsAu, 1905–1906, 2, 385–400.

1113. **Apparatus for Measuring Motor Suggestibility,** by J. M. Lahy. Ref: Lahy, J. M. Mesure de la suggestibilité motrice. AnPs, 1930, 31, 242–245.

1114. **Test of Suggestibility by Illusion of Warmth,** by J. H. Lodge. Ref: Lodge, J. H. The illusion of warmth test of suggestibility. Forum of Ed., 1926, 4, 180–186.

1115. **Test of Suggestibility,** by C. H. Marple. Ref: Marple, C. H. The comparative susceptibility of three age levels to the suggestion of groups versus expert opinion. JSocPs, 1933, 4, 176–186.

1116. **Suggestibility Tests,** by R. Messerschmidt. Range: boys and girls between the ages of 6 and 16 years. Ref: Messerschmidt, R. The suggestibility of boys and girls between the ages of six and sixteen years. PedSemJGenetPs, 1933, 43, 422–437.

1117. **Otis Suggestibility Tests,** by M. Otis. Range: grades 3–6. Chicago: C. H. Stoelting Co., 1924. Ref: Otis, M. A study of suggestibility in children. ArPs, 1924, No. 70.

1118. **Tests of Suggestibility,** by G. M. Whipple.
Test 40. Suggestion by the Size-Weight Illusion
Test 41. Suggestion by Progressive Weights
Test 42. Suggestion by Progressive Lines
Test 43. Suggestion of Line-Lengths by Personal Influence
Test 44. Suggestion by Illusion of Warmth
Chicago: C. H. Stoelting Co. Ref: Whipple, G. M. Manual of mental and physical tests, Volume II. Baltimore, Md.: Warwick and York, 1915, 224–252. Also: Stevick, P. R. The progressive weights test of suggestibility. AmJPs, 1932, 44, 807–808.

1119. **Ink-Blots as a Test of Suggestibility,** by R. White. Ref: White, R. Influence of suggestibility on responses in ink spot test. ChDev, 1931, 2, 76–79.

1120. **Test of Suggestibility,** by G. W. Williams. Ref: Williams, G. W. A study of the responses of three psychotic groups to a test of suggestibility. JGenPs, 1932, 7, 302–310.

1121. **Suggestibility Test,** by K. Zietz. Ref: Zietz, K. Ein Bild und ein Wirklichkeitsversuch an zwei Kindern. ZAngPs, 1933, 44, 193–216.

PERSEVERATION

1122. **Tests of Perseveration**, by E. Bernstein. Ref: Bernstein, E. Quickness and intelligence. BrJPsM, 1924, 3, No. 7.

1123. **Tests of Perseveration**, by R. B. Cattell. (Includes use of Perseverameter). Ref: (1) Cattell, R. B. A guide to mental testing. University of London Press, 1936. (2) Cattell, R. B. On the measurement of perseveration. BrJPs, 1935, 5, 76–92. (3) Cattell, R. B. Perseveration and personality—some experiments and an hypothesis. Journal of Mental Science, 1935, 81, 151–167.

1124. **Tests for Perseverance**, by W. H. Clark. Ref: Clark, W. H. Two tests for perseverance. JEdPs, 1935, 26, 604–610.

1125. **Tests of Volitional Perseveration**, by R. M. Dorcus. Ref: Dorcus, R. M. Is there a "unit trait" of volitional perseveration? JGenPs, 1935, 13, 345–356.

1126. **A Test for Measuring Perseveration**, by M. Dybowski. Ref: Dybowski, M. Perseveration as a measure of negativism, and its estimation by means of photographs. KwartPs, 1935, 6, 221–236.

1127. **Tests of Perseveration**, by H. H. Jasper. Ref: Jasper, H. H. Is perseveration a functional unit participating in all behavior processes? JSocPs, 1931, 2, 28–51.

1128. **Perseveration Tests**, by W. Lankes. Ref: Lankes, W. Perseveration tests. BrJPs, 1915, 7, 387–419.

1129. **Attention Test for the Measurement of Perseveration**, by J. B. Maller and J. Elkin. Range: grades 6–10. New York: J. B. Maller, Teachers College, Columbia University, 1933.

1130. **Tests of Perseveration**, by J. W. Pinard. Ref: (1) Pinard, J. W. Tests of perseveration. I. Their relation to character. BrJPs, 1932, 23, 5–19. (2) Bernstein, E. Quickness and intelligence. BrJPsM, 1924, 3, No. 7. (3) Pinard, J. W. Tests of perseveration. II. Their relation to certain psychopathic conditions and to introversion. BrJPs, 1932, 23, 114–126.

1131. **Tests of Perseveration**, by C. Rangachar. Ref: Rangachar, C. Differences in perseveration among Jewish and English boys. BrJEdPs, 1933, 17, 1–16.

1132. **Tests of Perseveration**, by K. H. Rogers. Ref: Rogers, K. H. 'Perseveration' in a group of subnormal children. JExEd, 1934, 2, 301–307. Also: Rogers, K. H. 'Intelligence' and 'perseveration' related to school achievement. JExEd, 1934, 2, 35–43.

1133. **Tests of Perseveration**, by W. Stephenson. Ref: (1) Stephenson, W. An introduction to so-called motor perseveration tests. BrJEdPs, 1934, 4, 186–208. (2) Stephenson, W. Studies in experimental psychiatry. Journal of Mental Science, 1931, 57, 723; 1932, 58, 315–330. (3) Cattell, R. B. A guide to mental testing. University of London Press, 1936, p. 219–222.

1134. **Perseverance Tests**, by E. Wiersma. Ref: Wiersma, E. Die Sekundarfunktion bei Psychosen. Journal für Psychologie und Neurologie, 1906, 8, 1–24.

1135. **Tests of Mental Inertia**, by L. Wynn-Jones. Ref: Wynn-Jones, L. Individual differences in mental inertia. JNaInsIndPs, 1929, 4, 282–295. Also, Wynn-Jones, L. An investigation into the significance of perseveration. Journal of Mental Science, 1928, 74, 653–659.

INFORMATION

1136. **Cultural Background Test**, by M. S. Bernstein. Range: Form A for grades 1–3; Form B for grades 2–4. Ref: Maller, J. B. Character and personality tests. New York: Bureau of Publications, Teachers College, Columbia University, 1932, p. 40.

1137. **Information Test Referring to Soviet Russia**, by M. S. Bernstein, H. A. Buchholz, and A. E. Sheinberg. Range: grades 3–4. Ref: Maller, J. B. Character and personality tests. New York: Bureau of Publications, Teachers College, Columbia University, 1932, p. 41.

1138. **Lowe and Shimberg Scaled Information Test, [Judge Baker Foundation Information Test]** by G. M. Lowe, and M. E. Shimberg. Chicago: C. H. Stoelting Co. Ref: Bronner, A. F., Healy, W., Lowe, G. M., and Shimberg, M. E. A manual of individual mental tests and testing. Boston: Little, Brown, and Co., 1927, p. 56.

1139. **A Chinese Information Test**, by Y. Chang. Ref: Chang, Y. ChJPs, 1923, 1, No. 3.

1140. **Test of Information**, by C. Claparède. Ref: Claparède, E. Comment diagnostiquer les aptitudes chez les écoliers. Paris: Flammarion, 1929, p. 289.

1141. **Information Test**, by E. Eastman. Ref: Eastman, E. An information test applied to juvenile delinquents. JApPs, 1926, 10, 202–215.

1142. **Practical Knowledge Test**, by W. E. Fernald. Ref: Kent, G. A combination mental test for clinical use. JApPs, 1923, 7, 247.

1143. **Information Questions for Young Children**, by A. I. Gates. Ref: Gates, A. I. A modern systematic versus an opportunistic method of teaching. TCRec, 1926, 27, 679–700.

1144. **Information Test**, by W. Healy and G. M. Fernald. Chicago: C. H. Stoelting Co.

1145. **Test of Familiarity with Social Conditions (Russian)**, by K. V. Levin. Range: grades 2–4. Ref: Maller, J. B. Character and personality tests. New York: Bureau of Publications, Teachers College, Columbia University, 1932, p. 41.

1146. **Background of Jewish Students**, by J. B. Maller. New York: Union of Orthodox Jewish Congregations of America, 1931.

1147. **General Information Score Sheet**, by M. J. Papurt. Chicago: C. H. Stoelting Co.

1148. **General Information Test**, by C. C. Peters. State College, Pa.: Pennsylvania State College. Ref: Peters, C. C. Foundations of educational sociology. New York: Macmillan Co., 1924, 425–440. Also: Second Yearbook of the National Society for the Study of Educational Sociology, 1929, 2, 156–157.

1149. **Sangren Information Tests for Young Children**, by P. V. Sangren. Range: kindergarten and first grade. Yonkers, N. Y.: World Book Co., 1930. Ref: Sangren, P. V. Information tests for young children. ChEd, 1929, 6, 70–77.

1150. **Smith College Information Test, 1926 Edition.** Ref: Toll, C. H. Scholastic aptitude tests in Amherst College. SchSoc, 1928, 28, 524–528.

1151. **Range of Information Test**, by G. M. Whipple. Chicago: C. H. Stoelting Co. Ref: Whipple, G. M. Manual of mental and physical tests, Volume II. Baltimore, Md.: Warwick and York, 1915, 317–322.

1152. **Information Questions**, by W. R. Wilson, G. Welsh and H. Gulliksen. Ref: Wilson, W. R., Welsh, G., and Gulliksen, H. An evaluation of some information questions. JApPs, 1924, 8, 206–214.

PERFORMANCE TESTS, FORM BOARDS AND MAZES

See also: Tests for nursery school and kindergarten children, pp. 6–12; Psychomotor tests, pp. 77–82; Mechanical ability, pp. 233–236.

1153. **Alexander Performance Tests**, by W. P. Alexander. (Includes Passalong Test, Kohs Block Design, and Cube Construction Test.) Ref: Alexander, W. P. Intelligence concrete and abstract. Cambridge University Press, p. 155.

1154. **"Passalong" Performance Test of Intelligence**, by W. P. Alexander. Marietta, Ohio: Marietta Supply Co. Also, Chicago: C. H. Stoelting Co. Range: ages 7–16. Ref: Alexander, W. P. A new performance test of intelligence. BrJPs, 1932, 23, 52–63.

1155. **Arthur Point Scales of Performance**, by G. Arthur. Chicago: C. H. Stoelting Co., 1925. Ref: Arthur, G. A point scale of performance tests. New York: The Commonwealth Fund, 1930. Also: Arthur, G. A new point performance scale. JApPs, 1925, 9, 390–416.

1156. **Performance Tests of Japanese, Chinese, and Formosan Children.** Ref: Awaji, Y. Angewandte Psychologie in Japan. PsteZ, 1928, 2, 29–33.

1157. **Bead Stringing Test**, by E. Blacking. Ref: Blacking, E. Standardization of bead stringing test. PedSem, 1927, 34, 620–633.

1158. **Puzzle Test**, by W. Blumenfeld. Ref: Blumenfeld, W. Eine neue Anstellungkeitsprobe. IndPste, 1925, 2, 354–359.

1159. **Boder's Tri-Dimensional Maze**, by D. P. Boder. Chicago: C. H. Stoelting Co., 1930. Ref: Boder, D. P. A tri-dimensional maze. AmJPs, 1930, 42, 107–108.

1160. **A Puzzle Test (Böge's Lager Test)**, by K. Böge. Ref: Böge, K. Eine Untersuchung über praktische Intelligenz. ZAngPs, 1927, 28, 85–139. Also: Studencki, S. [Monograph on the "planchette" test,—a test of practical intelligence.] PsteZ, 1931, 5, 38–48.

1161. **Bogen's Cage**, by H. Bogen. Ref: Lipmann, O., and Bogen, H. Naive Physik. Leipzig: J. A. Barth, 1923. Also: Liefmann, E. Volksschülerinnen, ihre geistigen und körperlichen Leistungen und die Beziehung zur Konstitution. ZAngPs, 1932, 42, 102–219.

1162. **Boring's Maze MN**, by E. G. Boring. Chicago: C. H. Stoelting Co.

1163. **Series of Performance Tests, Boston Psychopathic Hospital.** Includes: Porteus Mazes, Cube Imitation, Cube Construction, Kent-Kohs, Dearborn Formboard, Healy Picture Completion, I and II, Lincoln Square, Substitution, Goddard Formboard, Triangle, Diagonal, Healy A, Healy B, Manikin, Mare and Foal, Goddard Adaptation. Chicago: C. H. Stoelting Co. Ref: Wells, F. L. Mental tests in clinical practice. Yonkers, N. Y.: World Book Co., 1927.

1164. **Stylus Maze**, by H. Carr. Ref: Carr, H. The influence of visual guidance in maze learning. JExPs, 1921, 4, 399–417.

1165. **Cube Distribution Test**, by J. C. Chapman. Ref: Yerkes, R. M. Psychological examining in the United States Army. Memoirs of the National Academy of Science, 1921, 15, 364.

1166. **Universal Finger Maze**, by S. K. Chou. Ref: Chou, S. K. A universal finger maze: the pattern box. JGenPs, 1929, 2, 527–532.

1167. **Adaptation Board**, by E. Claparède. Similar to Goddard's. Ref: Claparède, E. Comment diagnostiquer les aptitudes chez les écoliers. Paris: Flammarion, 1924.

1168. **Cornell-Coxe Performance Ability Scale**, by E. L. Cornell and W. W. Coxe. Range: chronological ages 6–15 and mental ages 4½ to 16. Testing materials

from Miss Ellen Wilson, 1013 North Madison Street, Rome, N. Y. Manual from World Book Co, Yonkers, N. Y., 1934.

1169. **Form Color Substitution Test,** by C. B. Davenport. After Woodworth and Wells. Ref: Schieffelin, B., and Schwesinger, G. C. Mental tests and heredity. New York: Galton Publishing Co., 1931, 200–201.

1170. **A Life-Size Alley Maze for Children,** by F. Davis and M. Batalla. Ref: Davis, F., and Batalla, M. A life-size alley maze for children. JGenetPs, 1932, 41, 235–239.

1171. **Dawson's Kinaesthetic Form Board.** Chicago: C. H. Stoelting Co.

1172. **Chair Construction Test,** by W. F. Dearborn. Chicago: C. H. Stoelting Co. Ref: Dearborn, W. F., Anderson, J. E., and Christiansen, A. O. Form board and construction tests of mental ability. JEdPs, 1916, 7, 445–458.

1173. **Dearborn's Color-Form Test,** by W. F. Dearborn. Chicago: C. H. Stoelting Co., 1916. Ref: Dearborn, W. F., Anderson, J. E., and Christiansen, A. O. Form board and construction tests of mental ability. JEdPs, 1916, 7, 445–458.

1174. **Dearborn's Triangle Performance Test (Form Board),** by W. F. Dearborn. Chicago: C. H. Stoelting Co. Ref: Dearborn, W. F., Anderson, J. E., and Christiansen, A. O. Form board and construction tests of mental ability. JEdPs, 1916, 7, 445–458. Also: Dearborn, W. F., Shaw, E. A., and Lincoln, E. A. A series of form board and performance tests of intelligence. HarMEd, 1923, Series I, No. 4.

1175. **Dearborn and Anderson Form Boards,** by W. F. Dearborn and J. E. Anderson. Cambridge, Mass.: Harvard Psycho-Educational Clinic, Harvard University, 1916. Also, Chicago: C. H. Stoelting Co. Ref: Dearborn, W. F., Anderson, J. E., and Christiansen, A. O. Form board and construction tests of mental ability. JEdPs, 1916, 7, 445–458. Also: Dearborn, W. F., Shaw, E. A., and Lincoln, E. A. A series of form board tests of intelligence. HarMEd, Series 1, No. 4, 1923.

1176. **Painted Cube Test,** by E. A. Doll. Ref: Doll, E. A. The painted cube construction test. JEdPs, 1917, 8, 176–178.

1177. **Modification of Kohs Block-Design Test,** by J. Drever and M. Collins. Chicago: C. H. Stoelting Co. Ref: Drever, J., and Collins, M. Performance tests of intelligence. Edinburgh: Oliver and Boyd, 1928, 1935.

1178. **Intelligence Tests (Performance),** by J. Drever and M. Collins. Chicago: C. H. Stoelting Co. Ref: Drever, J., and Collins, M. Performance tests of intelligence: a series of non-linguistic tests for deaf and normal children. Edinburgh: Oliver and Boyd, 1928, 1935.

1179. **Goddard's Form Board,** by J. Drever and M. Collins. Modification of the Pintner and Paterson model. Chicago: C. H. Stoelting Co. Ref: Drever, J., and Collins, M. Performance tests of intelligence. Edinburgh: Oliver and Boyd, 1928, 1935.

1180. **Dunham's Arrow Board Test,** by F. L. Dunham. Chicago: C. H. Stoelting Co., 1916. Ref: Dunham, F. L. The arrow board—an adult "form board" test. PedSem, 1916, 23, 283–289.

1181. **Revision of the Lincoln Hollow Square Form Board,** by F. H. Ehrenfest and B. Kendall. Ref: Ehrenfest, F. H., and Kendall, B. A uniform method of presentation for the Lincoln Hollow Square Form Board. JApPs, 1934, 18, 827–830.

1182. **Ideational Learning Board (Demonstration Board),** by P. R. Farnsworth and W. H. Roberts. Chicago: C. H. Stoelting Co., 1926. Ref: Farnsworth, P. R., and Roberts, W. H. An attentional learning board. JEdPs, 1926, 17, 275–277.

1183. **Ferguson Form Boards,** by G. O. Ferguson. Range: older children and adults. Chicago: C. H. Stoelting Co., 1921. Ref: Ferguson, G. O. A series of form boards. JExPs, 1920, 3, 47–58. Also: Williams G. W., and Lines, J. An

evaluation of the Ferguson Form Boards and the derivation of new age and grade norms. JApPs, 1937, 21, 556–571, 673–687.

1184. **Peg Boards**, by M. L. H. Forbes. Ref: Forbes, M. L. H. A combination of peg boards. JGenetPs, 1936, 48, 249–250.

1185. **Foster Maze A and B**, by W. S. Foster. Chicago: C. H. Stoelting Co., 1923. Ref: Foster, W. S. Experiments in psychology. New York: Henry Holt and Co., 1923, 309–332.

1186. **Card Dropping Tests**, by L. R. Frazier. Ref: Bingham, W. V. Aptitudes and aptitude testing. New York: Harper and Brothers, 1937.

1187. **Freeman's Puzzle Box**, by F. N. Freeman. Chicago: C. H. Stoelting Co., 1916. Ref: Freeman, F. N. Experimental education. Boston: Houghton Mifflin Co., 1926. Also: Woolley, H. T. An experimental study of children. Chicago: C. H. Stoelting Co., 146–147.

1188. **A Blind Puzzle Box**, by T. R. Garth. Chicago: C. H. Stoelting Co. Ref: Garth, T. R. A blind puzzle box for demonstrating motor learning in human subjects. JExPs, 1935, 18, 280–284.

1189. **Gaw Revision of the Pintner-Paterson Scale**, by F. Gaw. Ref: Gaw, F. Performance tests of intelligence. London: Reports of the Medical Research Council: Industrial Fatigue Research Board, No. 31. H. M. Stationery Office, 1925.

1190. **Performance Tests of Intelligence**, by F. Gaw and F. M. Earle. Ref: Gaw, F. Industrial Health Research Board's reports on performance tests of intelligence. London: Medical Research Council. Also: Gaw, F. A study of performance tests. BrJPs, 1925, 15, 374–392.

1191. **Glueck's Ship Picture Form Board**, by S. Glueck. Chicago: C. H. Stoelting Co., 1914. Ref: Pintner, R., and Paterson, D. A scale of performance tests. New York: D. Appleton-Century Co., 1923, 58–61.

1192. **Vineland Adaptation Board**, by H. H. Goddard. Chicago: C. H. Stoelting Co., 1912. Ref: Goddard, H. H. The form-board as a measure of intellectual development in children. TrSchB, 1912, 9, 49–51; 1915, 11, 182–188.

1193. **Adaptation of McDougall's Spot Pattern Test**, by M. E. Goudge. Ref: Goudge, M. E. A simplified method of conducting McDougall's spot pattern test. JEdPs, 1915, 6, 73–84.

1194. **Related Problems Test (Bead Test)**, by J. L. Graham. Modification of J. C. Peterson's Related Problems Test. Ref: Graham, J. L. A quantitative comparison of certain mental traits of negro and white college students. JSocPs, 1930, 1, 97–121.

1195. **Gwyn's Triangle Test**, by M. K. Gwyn. Chicago: C. H. Stoelting Co., 1914. Ref: Pintner, R., and Paterson, D. G. A scale of performance tests. New York: D. Appleton-Century Co., 1923, p. 40–41.

1196. **Hampton Court Maze.** Chicago: C. H. Stoelting Co.

1197. **Instruction Box**, by J. W. Hayes. Chicago: C. H. Stoelting Co., 1920. Ref: Dewey, E., Child, E., and Ruml, B. Methods and results of testing school children. New York: E. P. Dutton and Co., 1920, 31–35.

1198. **Problem Box**, by J. W. Hayes. Ref: Dewey, E., Child, E., and Ruml, B. Methods and results of testing school children. New York: E. P. Dutton and Co., 1920.

1199. **Hayes and Dewey Automobile Construction Test**, by J. W. Hayes and E. Dewey. Chicago: C. H. Stoelting Co. Ref: Dewey, E., Child, E., and Ruml, B. Methods and results of testing school children. New York: E. P. Dutton and Co., 1920, p. 21–23.

1200. **Healy Pictorial Completion Test I**, by W. Healy. Chicago: C. H. Stoelting Co. Ref: Healy, W. A pictorial completion test. PsR, 1914, XXI, No. 3.

1201. **Healy Pictorial Completion Test II**, by W. Healy. Chicago: C. H. Stoelting Co., 1934. Ref: Healy, W. Pictorial completion test II. JApPs, Sept., 1921, Vol. V.

1202. **Card Sorting Test**, by R. Husband and W. Miles. Ref: Husband, R., and Miles, W. On sorting packs of cards. JApPs, 1927, 11, 465–482.

1203. **Kohs Block Design Test—A Revision for Clinical Practice**, by M. L. Hutt. Ref: Hutt, M. L. The Kohs block design test: a revision for clinical practice. JApPs, 1932, 16, 298–307.

1204. **Color Cube Test**, by R. B. W. Hutt. Ref: Hutt, R. B. W. Standardization of a color cube test. PsCl, 1927, 16, 232–233.

1205. **Formboard Tests**, by R. Iinuma. Ref: Iinuma, R. Formboard tests. JapJPs, 1935, 10, 909–921.

1206. **Kelley Constructive Ability Test**, by T. L. Kelley. Chicago: C. H. Stoelting Co., 1916. Ref: Kelley, T. L. A constructive ability test. JEdPs, 1916, 7, 1–16. Also: McFarlane, M. A study of practical ability. BrJPsM, 1925, No. 8, 74–75.

1207. **Kempf's Diagonal Form Board**, by G. A. Kempf. Chicago: C. H. Stoelting Co., 1914.

1208. **Kent's Color Cube Test**, by G. H. Kent. Revision of Kohs blocks. Chicago: C. H. Stoelting Co., 1927. Ref: Kent, G. H. Modification of the Kohs block design test. JApPs, 1934, 18, 578–598.

1209. **Kent's Geometrical and Colored Picture-Puzzles**, by G. H. Kent. Chicago: C. H. Stoelting Co., 1916. Author wishes test to be considered obsolete.

1210. **Kent and Franz Simple Maze Test**, by G. H. Kent and S. I. Franz. Chicago: C. H. Stoelting Co. Ref: Franz, S. I. Handbook of mental examination methods. New York: Macmillan Co., 1919.

1211. **Kent-Shakow Form Boards (Industrial, Clinical, Worcester)**, by G. H. Kent and D. Shakow. Chicago: C. H. Stoelting Co., 1925, 1928. Ref: Kent, G. H., and Shakow, D. A graded series of form boards. PerJ, 1928, 7, 115–120. Also: Shakow, D., and Kent, G. H. The Worcester form board series. PedSemJGenetPs, 1925, 32, 599–611.

1212. **Kirkwood Substitution Form Board**, by J. A. Kirkwood. Devised for use with young children. Chicago: C. H. Stoelting Co.

1213. **Kline's Mazes (for Right and Left Hand)**, by L. W. Kline and F. L. Kline. Chicago: C. H. Stoelting Co., 1927. Ref: Kline, L. W., and Kline, F. L. Psychology by experiment. Boston: Ginn and Co., 1927.

1214. **Diagonal Frame Test**, by H. A. Knox. Modification of W. Healy, G. Fernald, and F. Freeman Diamond Frame Test. Chicago: C. H. Stoelting Co., 1913. Ref: Shieffelin, B., and Schwesinger, G. C. Mental tests and heredity. New York: Eugenics Publishing Co., 1930, 158–159.

1215. **Knox Cube Imitation Test**, by H. A. Knox. Chicago: C. H. Stoelting Co. Ref: Knox, H. A. A scale based on the work at Ellis Island for estimating mental defect. JAmMedAssoc, 1914, 62, 741–747.

1216. **Knox-Kempf Feature Profile Test**, by H. A. Knox and G. A. Kempf. Chicago: C. H. Stoelting Co. Ref: Knox, H. A. A scale based on the work at Ellis Island for estimating mental defect. JAmMedAssoc, 1914, 62, 741–747.

1217. **Construction of Geometrical Figures from Several Pieces**, by K. Köhn. Ref: Köhn, K. Experimentelle Beiträge zum Problem der Intelligenzprüfung. PdPsFo, 1913, 138.

1218. **Kohs Block-Design Test**, by S. C. Kohs. Chicago: C. H. Stoelting Co., 1919. Ref: Kohs, S. C. Intelligence measurement: a psychological and statistical study based upon the block-design tests. New York: Macmillan Co., 1923.

1219. **Leake-Smith Figure Board**, by M. Martin-Leake and T. Smith. Ref: Martin-Leake, M., and Smith, T. The scientific selection and training of workers

in industry and commerce. London: Pitmans. Also: Cattell, R. B. A guide to mental testing. University of London Press, 1936.

1220. **Perlentest (Bead stringing)**, by T. Leicht. Ref: Leicht, T. Versuch mit dem Perlentest an Schulkindern. PdPsArb, 1927, 16, 255–262. Also: Leicht, T. Neue Versuch mit dem Perlentest. PdPsArb, 1929, 17, 253–271.

1221. **Leiter International Performance Scale**, by R. G. Leiter. Range: preschool to adult. Honolulu: Bureau of Publications, University of Hawaii, 1936. Ref: Leiter, R. G. The Leiter International Performance Scale. University of Hawaii Research Publications, No. 13, May 1936. University of Hawaii Bulletin, 1936, 15, 1–42.

1222. **Lincoln Hollow Square Form Board**, by E. A. Lincoln. Chicago: C. H. Stoelting Co., 1923. Ref: Lincoln, E. A. Tentative standards for the Lincoln hollow square form board. JApPs, 1927, 11, 264–267.

1223. **Stringing Beads**, by J. H. Long. Cold Spring Harbor, N. Y.: Eugenics Record Office, 1929. Ref: Schieffelin, B., and Schwesinger, G. C. Mental tests and heredity. New York: Eugenics Publishing Co., 1930, 197–198.

1224. **Loughran's Cross Frame Test.** Chicago: C. H. Stoelting Co.

1225. **Ball and Slot Mechanical Test**, by C. A. Mace. St. Andrews, Scotland: University of St. Andrews.

1226. **Revision of the Arthur Performance Scale**, by H. C. Mahan. Ref: Mahan, H. C. A battery of performance tests (the Arthur Scale revised). JApPs, 1934, 18, 645–655.

1227. **Matches Test (A Performance Test).** Ref: Porteus, S. D. Primitive intelligence and environment. New York: Macmillan Co., 1937, p. 224–308. Also: Fick, M. L. Educability of native children of the Transvaal compared with other groups on the basis of intelligence tests. Educational Fellowship Conference, July 1934.

1228. **Maxfield's Color Cube Test**, by F. N. Maxfield. Chicago: C. H. Stoelting Co. Ref: Maxfield, F. N. Design blocks. PsCl, 1925, 16, 98–109.

1229. **Maxfield's Form Board (Adaptation of Mare and Foal Board)**, by F. N. Maxfield. Chicago: C. H. Stoelting Co.

1230. **Construction Tests**, by Mazo and Zabelerich. Ref: Mazo and Zabelerich. (Constructional activity of pupils in a special school.) Sovetsk. Psikhotekh, 1933, 6, 68–78.

1231. **Spot Pattern Test**, by W. McDougall. Ref: McDougall, W. Physiological psychology. London: J. M. Dent, 1908.

1232. **Primary Cylinder Board**, by E. W. McElwee. Chicago: C. H. Stoelting Co. Range: ages 5–8. Ref: McElwee, E. W. The primary cylinder board. JApPs, 1932, 16, 413–418.

1233. **Michigan Demonstration Maze Board.** Chicago: C. H. Stoelting Co. Ref: Ford, A. Group experiments in educational psychology. New York: Macmillan Co., 1931.

1234. **Miles' Maze, Two Story, Duplicate**, by W. R. Miles. Chicago: C. H. Stoelting Co., 1919. Ref: Miles, W. R. A rotary motility test. JGenPs, 1928, 1, 374–377. Also: JExPs, 1927, 10, 365–377.

1235. **Miles' Maze, High-Relief, Finger**, by W. R. Miles. Chicago: C. H. Stoelting Co., 1928. Ref: Miles, W. R. The high relief finger maze for human learning. JGenPs, 1928, 1, 3–14.

1236. **Puzzle Test**, by E. Mira. Ref: Cavalcanti, B. A inteligencia espacial e o teste de "puzzle." ArchAssistPsicopatPernambuco, 1932, 2, 169–177.

1237. **Moorees Form Board.** Range: adults. Glasgow, Scotland: P. E. Vernon, Jordanhill Training College. Ref: Cattell, R. B. A guide to mental testing. University of London Press, 1937. Also: Martin-Leake, M., and Smith, T. The scientific selection and training of workers in industry and commerce. London: Pitmans, 1932.

1238. **Mueller's Three-Hole Test.** Chicago: C. H. Stoelting Co. Ref: Hull, C. L. Aptitude testing. Yonkers, N. Y.: World Book Co., 1928, p. 105–106.

1239. **Folded Drinking Cup Test,** by New York Bureau of Analysis and Investigation. Ref: New York Bureau of Analysis and Investigation. Eleven mental tests standardized. Albany, N. Y.: Eugenics and Social Welfare Bulletin, 1915, No. 5, 42–49.

1240. **Peg Design Test,** by New York Bureau of Analysis and Investigation. Chicago: C. H. Stoelting Co. Ref: New York Bureau of Analysis and Investigation. Performance norms for thirteen tests. Albany, N. Y.: Eugenics and Social Welfare Bulletin, 1917, No. 8.

1241. **Tower Test (Nest of Cubes Test),** by New York Bureau of Analysis and Investigation. Chicago: C. H. Stoelting Co., 1917. Ref: New York Bureau of Analysis and Investigation. Performance norms for thirteen tests. Albany, N. Y.: Eugenics and Social Welfare Bulletin, 1917, No. 8.

1242. **Oakley Form Board,** by C. A. Oakley. Glasgow, Scotland: Bar-Knight Model Co., 15 Margaret St. Ref: Oakley, C. A. A new form board. Human Factor, 1935, 9, 105–108.

1243. **Papurt's Form Boards,** by M. J. Papurt. Chicago: C. H. Stoelting Co.

1244. **Pintner-Paterson Performance Test Series,** by R. Pintner and D. Paterson. Includes: modification of Healy's Mare and Foal Picture Board, Seguin Form Board, The Five Figure Board, The Two Figure Board, Casuist Form Board, Gwyn's Triangle Test, Kempf's Diagonal Test, The Healy Puzzle "A," The Manikin Test, The Knox-Kempf Feature Profile Test, Glueck's Ship Test, The Completion Test, modification of Woodworth-Well's Substitution Test, modification of Goddard's Adaptation Board, modification of the Knox Cube Imitation Test. Chicago: C. H. Stoelting Co., 1917. Ref: Pintner, R., and Paterson, D. A scale of performance tests. New York: D. Appleton-Century Co., 1923. Also: Hildreth, G. H., and Pintner, R. Short scale for Pintner-Paterson Performance Tests. New York: Bureau of Publications, Teachers College, Columbia University, 1937.

1245. **Modification of Knox-Kempf Feature Profile Test,** by R. Pintner and D. G. Paterson. Chicago: C. H. Stoelting Co. Ref: Pintner, R., and Paterson, D. G. A scale of performance tests. New York: D. Appleton-Century Co., 1923, p. 55–58.

1246. **Porteus Form and Assembling Test,** by S. D. Porteus. Vineland, N. J.: Research Department, Vineland Training School. Ref: Porteus, S. D. Studies in mental deviations. Training School Research Publication, 1922, No. 24, p. 209.

1247. **Porteus Maze Tests,** by S. D. Porteus. Range: age three–adult. Chicago: C. H. Stoelting Co., 1924, 1933. Ref: Porteus, S. D. Guide to Porteus maze test. TrSchB, 1924, No. 25. Also: Porteus, S. D. The maze test and mental differences. Vineland, N. J.: Smith Printing and Publishing House, 1933.

1248. **Pyle's Spot-Pattern Test,** by W. H. Pyle. Chicago: C. H. Stoelting Co.

1249. **A Manual Labyrinth,** by A. Rey. Ref: Rey, A. D'un procêdé pour evaluer l'educabilité. ArPs(-f), 1934, 24, 298–337.

1250. **Ruger's Mechanical Puzzles,** by H. A. Ruger. Chicago: C. H. Stoelting Co., 1919.

1251. **Bead Stringing Test,** by W. Schulte. Ref: PdPsArb, 1927, No. 16.

1252. **Seguin and Goddard Form Board,** by E. Seguin and H. H. Goddard. Chicago: C. H. Stoelting Co.

1253. **Seguin, Goddard and Sylvester Form Board,** by E. Seguin, H. H. Goddard, and R. H. Sylvester. Chicago: C. H. Stoelting Co.

1254. **Seguin and Goddard Form Board.** (Pintner and Paterson "flush" model used by Dr. Stutsman for the Merrill-Palmer performance tests of children of preschool age.) Chicago: C. H. Stoelting Co.

1255. **Shaw's Picture Form Board**, by E. A. Shaw. Chicago: C. H. Stoelting Co., 1918. Ref: Shaw, E. A. A new picture completion test. JApPs, 1918, 2, 355–365.

1256. **Performance Tests**, by H. Spreng. Ref: Spreng, H. Charakterologische Feststellungen an Leistungsproben. IndPste, 1934, 11, 321–326.

1257. **Universal Scale of Individual Performance Tests, Examination Manual**, by P. C. Squires (with the assistance of C. C. Brigham). Ref: Squires, P. C. A universal scale of individual performance tests. Princeton, N. J.: Princeton University Press, 1926.

1258. **Steacy Scale (Mixed)**, by F. W. Steacy. Ref: Steacy, F. W. The interrelations of mental abilities. TCConEd, 1919, No. 130.

1259. **U. S. A. Cube Construction Test.** Chicago: C. H. Stoelting Co. Ref: Yoakum, C. S., and Yerkes, R. M. Army mental tests. New York: Henry Holt and Co., 1920.

1260. **Performance Tests**, by W. Vickers and V. H. Hoskin. Ref: Vickers, W., and Hoskin, V. H. Results from some new tests of practical abilities. BrJPs, 1929, 20, 66–81.

1261. **Self-Administering Maze**, by D. Wechsler. Range: junior or senior high school. New York: Psychological Corporation, 1930. Ref: Wechsler, D. Tests for taxicab drivers. JPerR, 1926, 5, 24–30.

1262. **Cornell Form Board**, by G. M. Whipple. Modification of the Goddard form board. Chicago: C. H. Stoelting Co. Ref: Whipple, G. M. Manual of mental and physical tests. Simpler processes. Baltimore, Md.: Warwick and York, 1914, p. 297–305.

1263. **An Abbreviation of the Pintner-Paterson Performance Scale**, by M. E. Whiteside. New York: M. A. Thesis, Columbia University, June 1928.

1264. **Witmer's Cylinder Test**, by L. Witmer. Chicago: C. H. Stoelting Co., 1916. Ref: Paschal, F. C. A report on the standardization of the Witmer cylinder test. PsCl, 1918, 12, 54–59.

1265. **Witmer Modification of Seguin Form Board**, by L. Witmer and R. H. Sylvester. Chicago: C. H. Stoelting Co., 1911.

1266. **Three Disc Form Board**, by L. Witmer. Philadelphia: Psychological Clinic Laboratory, University of Pennsylvania, 1928. Ref: Schieffelin, B., and Schwesinger, G. C. Mental tests and heredity. New York: Eugenics Publishing Co., 1930, 177–178.

1267. **Three Figure Form Board**, by L. Witmer. Philadelphia: Psychological Clinic Laboratory, University of Pennsylvania, 1928. Ref: Schieffelin, B., and Schwesinger, G. C. Mental tests and heredity. New York: Eugenics Publishing Co., 1930, 178.

1268. **Woods' Pictorial Completion Test for Girls**, by L. Woods. Chicago: C. H. Stoelting Co.

1269. **Young's Slot Maze A**, by H. H. Young. Range: ages 4–9. Chicago: C. H. Stoelting Co., 1922. Ref: Young, H. H. Slot maze A. PsCl, 1922, 14, 73–82.

1270. **Young's Slot Maze C**, by H. H. Young. Range: for adolescent and adult ability levels. Chicago: C. H. Stoelting Co., 1932.

1271. **Boston Psychopathic Hospital Labyrinth (B).** Mentioned by Haines, T. H. Diagnostic value of some performance tests. PsR, 1915, 22, 303.

See also addenda, Tests 4243, 4247, 4273.

PSYCHO-MOTOR TESTS AND APPARATUS

See also: Physical Education, pp. 138–144; Performance Tests, Form Boards and Mazes, pp. 70–76; Laterality, pp. 82–83; Mechanical Aptitude, pp. 233–236; Vocational Tests, General, pp. 224–228.

1272. **A Test for Eye-Hand Coordination at the Fifth Year Level,** by L. B. Abel. Ref: Abel, L. B. A test for eye-hand coordination at the fifth year level. JApPs, 1934, 18, 418–421.

1273. **Tests of Manual Dexterity,** by R. Abshagen. Ref: Abshagen, R. Persönlichkeitsbeschreibung eines abnormhandungeschickten Knaben. ZAngPs, 1932, 43, 1–54.

1274. **Tests of Hand and Eye Coordination,** by F. Akroyd. Ref: Akroyd, F. Some tests and correlations of hand and eye coordination. Forum of Ed., 1928, 6, 127–148.

1275. **Combination Tapping and Aiming Test,** by A. Albertini. Ref: Albertini, A. Reattive per l'abilita motrice. Rivista di Psicologia, 1921, 17, 68–69, 199–220.

1276. **Tests of Psycho-Motor Functions,** by H. Antipoff. Ref: Antipoff, H. L'évolution et la variabilité des fonctions psychomotrices. ArPs (-f), 1928, 21, 1–54.

1277. **Dart Test,** by H. Banister. Chicago: C. H. Stoelting Co. Ref: A test of shooting ability. An indirect aiming test. A timing test. Two tests for hand and eye coordination. JGenPs, 1929, 2, 353–360.

1278. **Alternate Tapping Test,** by G. K. Bennett. Apparatus in Laboratory of Yale University, New Haven, Conn.

1279. **Dissociated Movements of the Two Hands,** by W. Beinhoff. Ref: Beinhoff, W. Hilfsmittel beim Zweihandprüfer. IndPste, 1934, 11, 254–255.

1280. **Tests of Rapidity of Movement,** by A. Binet and N. Vaschide. Ref: Binet, A., and Vaschide, N. Épreuves de vitesse chez les jeunes garçons. AnPs, 1897, 4, 64–98.

1281. **Model for Demonstration of Facial Expression (Facial Profile, Articulated),** by E. G. Boring and E. B. Titchener. Chicago: C. H. Stoelting Co. Ref: Boring, E. G., and Titchener, E. B. A model for the demonstration of facial expression. AmJPs, 1923, 34, 471–485.

1282. **Downey's Mirror Script Test,** by J. E. Downey. Chicago: C. H. Stoelting Co.

1283. **Brace Motor Ability Tests,** by D. K. Brace. Range: upper elementary and high school. New York: A. S. Barnes and Co., 1927. Ref: Brace, D. K. Motor tests. New York: A. S. Barnes and Co., 1927. Also: Harshbarger, D. W. An evaluation of the Brace Test as a measure of motor skills educability. Iowa City: Unpublished Master's Thesis, State University of Iowa.

1284. **Psycho-Motor Tests,** by W. L. Bryan. Ref: Bryan, W. L. On the development of voluntary motor ability. AmJPs, 1892, 5, 123–203.

1285. **Multiple Groove Board Motor Skill Test,** by S. K. Chou. Ref: Chou, S. K. A multiple groove board for testing motor skill. JExPs, 1929, 12, 249–253.

1286. **Test of Cutting-out Designs with Scissors,** by E. Claparède. Ref: Claparède, E. Comment diagnostiquer les aptitudes chez les écoliers. Paris: Flammarion, 1929, p. 283. Also: Novais, S. O teste de "decoupage" de Claparède e de Walther. ArchAssistPsicopatPernambuco, 1932, 2, 178–183.

1287. **Test of Hitting the Target,** by E. Claparède. Ref: Claparède, E. Comment diagnostiquer les aptitudes chez les écoliers. Paris: Flammarion, 1929, p. 283.

1288. **Test of the Rapidity of Writing**, by E. Claparède. Ref: Claparède, E. Comment diagnostiquer les aptitudes chez les écoliers. Paris: Flammarion, 1929, p. 283.

1289. **Neuro-Muscular Control Tests**, by V. D. Collins and E. C. Howe. Ref: Collins, V. D., and Howe, E. C. A preliminary selection of tests of fitness. AmPhysEdRev, 1924, 29, 563–571. Dynamometer available from C. H. Stoelting Co., Chicago.

1290. **Manual Skill Tests**, by J. W. Cox.
Tests of Mechanical Assembling
a. Porcelain Test
b. Container Test
c. Writing Test
Tests of 'Routine' Assembling
a. Screw Test
b. Porcelain Test
c. Container Test
d. Wedges Test
e. Writing Test
f. Stripping Tests
Star Puzzle and Top Tests
Simple Manual Tests
Apparatus available from J. W. Cox, c/o Methuen and Co., London. Ref: Cox, J. W. Manual skill—its organization and development. New York: Macmillan Co., 1934.

1291. **Reflexological Examinations**, by A. A. Dernowe-Yarmolenko. Ref: Dernowe-Yarmolenko, A. A. The fundamentals of a method of investigating the functions of the nervous system as revealed in overt behavior. JGenetPs, 1933, 42, 319–338.

1292. **Bi-Manual Coordination Test**, by J. T. Dingle. Ref: Dingle, J. T. A bimanual coordination test. AusJPs, 1927, 5, 227–231.

1293. **Motor Ability Test**, by V. C. Dunder. Ref: Dunder, V. C. A multiple strength index of general motor ability. Research Quarterly of the American Physical Education Association, October 1933, 4, 132–142.

1294. **Steadiness Tester and Tapping Apparatus**, by K. Dunlap. Chicago: C. H. Stoelting Co. Ref: Dunlap, K. Improved forms of steadiness tester and tapping plate. JExPs, 1921, 4, 430–433.

1295. **Manual Dexterity Tests**, by F. M. Earle, F. Gaw, and others. Ref: Earle, F. M., Gaw, F., and others. The measurement of manual dexterities. London: National Institute of Industrial Psychology Report, 1930, No. 4, p. 88.

1296. **Motor Ability Test Series**, by A. S. Espenschade. Ref: Espenschade, A. S. An experiment in testing the motor ability of preschool and kindergarten children. Bulletin, University of California Institute of Child Welfare, 1931, 1–9.

1297. **An Electrically Recording Dotting Machine**, by H. H. Ferguson. Ref: Ferguson, H. H. An electrically recording dotting machine. AusJPs, 1935, 13, 299–305.

1298. **Coordination Test**, by O. I. Galkina. Ref: Galkina, O. I. Kvoprosu o provedenii testa no koordinatziu dv dvidijeni dvukh ruk. Bull. Leningrad Inst. Org. Labor, 1932, No. 9–10, 25–31.

1299. **Motor Tests**, by E. Garfiel. Ref: Garfiel, E. The measurement of motor ability. ArPs, 1923, 9, No. 62, 1–46.

1300. **Tapping Test**, by A. I. Gates and G. A. Taylor. Range: young children. Ref: Gates, A. I., and Taylor, G. A. An experimental study of improvement resulting from practice in a motor function. JEdPs, 1926, 27, 226–236.

1301. **A New Type of Pursuit Meter**, by A. Gemelli. Ref: Gemelli, A. Observation sur la sélection des pilotes aviateurs. Travail Humain, 1933, 1, 3–23.

1302. **Tests of Thrusting, Hammering, Three Hole Coordination Test,** by R. L. Gould. Ref: Gould, R. L. Manual accuracy in prevocational school boys. JEdPs, 1917, 8, 439–441.

1303. **Scales Test,** by C. H. Griffitts. Ref: Griffitts, C. H. A study of some motor ability tests. JApPs, 1931, 15, 10.

1304. **Guilford's Facial Model, Full Face, Articulated,** by J. P. Guilford. Supplements the Boring and Titchener Articulated Facial Profile. Chicago: C. H. Stoelting Co. Ref: Guilford, J. P., and Wilke, M. A new model for the demonstration of facial expression. AmJPs, 1930, 42, 436–439.

1305. **Apparatus for Measuring Choice and Decision,** by M. F. Hausmann. Ref: Hausmann, M. F. A new apparatus for measuring choice and decision. JExPs, 1932, 15, 218–225.

1306. **Nail Driving Test,** by J. W. Hayes and E. Dewey. Ref: Dewey, E., Child, E., and Ruml, B. Methods and results of testing school children. New York: E. P. Dutton and Co., 1920.

1307. **Needle Threading Test,** by J. W. Hayes and E. Dewey. Ref: Dewey, E., Child, E., and Ruml, B. Methods and results of testing school children. New York: E. P. Dutton and Co., 1920.

1308. **Motor Tests,** by G. Heuyer and G. Baille. Range: ages 13–18. Ref: Heuyer, G., and Baille, G. Tests moteur dans l'orientation professionelle des anormaux de l'intelligence et du caractère. Annales Medico Psychologique, 1932, 16, 317–331.

1309. **Judgments of Facial Expression,** by E. Jarden and S. W. Fernberger. Ref: Jarden, E., and Fernberger, S. W. The effect of suggestion on the judgment of facial expression of emotion. AmJPs, 1926, 37, 565–570.

1310. **Johnson-Dunlap Coordination Test.** Baltimore, Md.: Johns Hopkins Series, Johns Hopkins University.

1311. **Psycho-Physical Tests,** by R. L. Kelley. Ref: Kelley, R. L. Psycho-physical tests of normal and abnormal children: studies from the psychological laboratory of the University of Chicago. PsR, 1903, 10, 345–372.

1312. **Manual Dexterity Tests,** by H. Kellner. Ref: Kellner, H. Über die Handgeschicklichkeit und den Wert der Handgeschicklichkeitsprüfungen. PsteZ, 1927, 2, 153–162.

1313. **Scale for Facial Motility in Children,** by L. A. Kwint. Ref: (1) Kwint, L. A. Ontogeny of motility of the face. ChDev, 1934, 5, 1–12. (2) Kwint, L. A. Die Evolution der mimischen Psychomotorich. ZKi, 1931, 38. (3) Mourachowsky, I. La motricité facile chez les enfants en bas age d'après l'échelle métrique de L. Kwint. ArPs (-f), 1934, 24, 338–349.

1314. **Psycho-motor Tests,** by J. M. Lahy. Ref: Lahy, J. M. Notation automatique de quelques tests psychomoteurs. Description des appareils et barêmes des résultats. AnInstOrnProf, 1930, 4, 248–257.

1315. **Judgment of Facial Expression,** by H. S. Langfeld. Ref: Langfeld, H. S. Judgment of emotions from facial expression. JAbSoPs, 1919, 13, 172–184.

1316. **Resistance Test,** by E. G. Martin. Ref: Martin, E. G. Tests of muscular efficiency. Physiological Reviews, 1921, 1, 454–475.

1317. **McCloy General Motor Ability and Capacity Tests,** by C. H. McCloy. Iowa City: Iowa Child Welfare Research Station, University of Iowa. Ref: McCloy, C. H. Measurement of general motor capacity and general motor ability. Research Quarterly, American Physical Education Association, Supplement, 1934, 5, 46–61.

1318. **Tests of Coordination Abilities,** by W. Meistring. Ref: Meistring, W. Beiträge zur Prüfung des Koordinationsfähigkeit. BhZAngPs, 1930, No. 49.

1319. **Kinematometer (A Psycho-Motor Test),** by E. Meumann. Ref: Meumann, E. Vorlesungen zur Einführung in die experimentelle Pädagogik, Leipzig, 1913, 2.

1320. **Ataxiameter**, by W. R. Miles. Chicago: C. H. Stoelting Co. Ref: Miles, W. R. Static equilibrium as a useful test of motor efficiency. JIndHy, 1932, 3, 316.

1321. **Pendulum Pursuit Meter**, by W. R. Miles. Chicago: C. H. Stoelting Co. Ref: Miles, W. R. A pursuit pendulum. PsR, 1920, 27, 361–376.

1322. **A Rotary Motility Test**, by W. R. Miles. Ref: Miles, W. R. A rotary motility test. JGenPs, 1928, 1, 374–377.

1323. **Mechanical Ability Tests**, by National Institute of Industrial Psychology. Chicago: C. H. Stoelting Co. Ref: Tests of mechanical ability. London: Report No. 3 of the National Institute of Industrial Psychology, 1929.

1324. **Scale of Motor Tests**, by N. Ozeretzky. Ref: (1) Merkin, R. Tests d'Ozeretzky pour le developpement des fonctions motrices de l'enfant. ArPs (-f), 1925, 19, 244–259. (2) Ozeretzky, N. Psychomotorik Methoden zur Untersuchung der Motorik. BhZAngPs, 1931, No. 57. (3) Ozeretzky, N. L'échelle metrique du developpement de la motricite chez l'enfant et chez l'adolescent. Hygiene Mentale, 1936, 31, No. 3.

1325. **Perrin's Motor Coordination Tests**, by F. A. C. Perrin. Chicago: C. H. Stoelting Co. Ref: Perrin, F. A. C. An experimental study of motor ability. JExPs, 1921, 4, 24–56.

1326. **Electric Circuit Tracing Test**, by B. R. Philip. Range: grade 8–adult. Chicago: C. H. Stoelting Co. Ref: Philip, B. R. A comparison of an electric circuit tracing test with the O'Connor Wiggly Block Test. JApPs, 1935, 19, 148–165.

1327. **Depth Perception Test**, by R. Pickard. Ref: Pickard, R. Depth perception test. Eye, Ear, Nose and Throat Monthly, 1934, 13, 37.

1328. **Test of Manual Dexterity**, by H. Piéron. (Moede's apparatus—"souriciere.") Ref: Piéron, H. Un dextérimentre a translation de rondelles enfilées. BuInNatProf, 1935, 5–7, p. 69–74, 101–112.

1329. **Apparatus for Measuring Appreciation of Weight**, by H. Piéron. Ref: Piéron, H. Test de sensibilité musculaire. Le gravimetre de Piéron. BuInNatProf, 1933, 5, 143–149.

1330. **Ream's Motility or Tapping Apparatus**, by M. J. Ream. Range: age 6–adult. Chicago: C. H. Stoelting Co. Ref: Ream, M. J. The tapping test: a measure of motility. PsM, 1922, 31, 293–319.

1331. **Renshaw Polygraph**, by S. Renshaw. Chicago: C. H. Stoelting Co.

1332. **Renshaw-Weiss Pursuitmeter and Stabilometer**, by S. Renshaw and A. P. Weiss. Chicago: C. H. Stoelting Co. Ref: Renshaw, S., and Weiss, A. P. Apparatus for measuring change in bodily posture. AmJPs, 1926, 37, 261–267. Also: Langhorne, M. C. Age and sex differences in the acquisition of one type of skilled movement. JExPs, 1933, 2, 101–108.

1333. **Disk Test**, by Rosenstein. Chicago: C. H. Stoelting Co., 1932.

1334. **Manual Skills Tests**, by H. Rupp. Ref: Rupp, H. Über Handgeschicklichkeit. C. R. Conf. Int. Psychotech., Prague, 1934, 8, 177–192.

1335. **Tests of Manual Ability**, by M. Schorn. Ref: Schorn, M. Untersuchungen über die Handgeschicklichkeit. ZPs, 1929, 112, 325–378.

1336. **Schultz Number Test (Discs Arrangement)**. Range: ages 13–17. Ref: Lendzion, J. (Results of a test of "arrangement of numbers.") Psychotechnika (Polish), 1932, 6, 198–208.

1337. **Scott's Three-Hole Tapping Apparatus**, by W. D. Scott. Chicago: C. H. Stoelting Co. Ref: Scott, W. D., and Clothier, R. C. Personnel management. New York: A. W. Shaw Co., 1923, p. 286–288.

1338. **Apparatus for the Measurement of Steadiness**, by R. H. Seashore and R. D. Adams. Ref: Seashore, R. H., and Adams, R. D. The measurement of steadiness: a new apparatus and results on marksmanship. Science, 1933, 78, 285–287.

1339. **Stanford Motor Skills Tests**, by R. H. Seashore. Ref: Seashore, R. H. Stanford motor skills unit. PsM, 1928, 39, 51–66. Also: Seashore, R. H. Studies in motor rhythm. PsM, 1926–1927, 36, 142–189.

1340. **Equilibrium, Patience and Thumb Opposition Tests**, by T. Simon. Ref: Simon, T. Quelques épreuves pouvant servir à l'observation des enfants. BuSocBinet, 1934, 296, 54–59.

1341. **Snoddy Stabilimeter**, by G. S. Snoddy. Available from G. S. Snoddy, Indiana University, Bloomington, Indiana. Ref: Snoddy, G. S. Evidence for two opposed processes in mental growth. Lancaster, Pa.: Science Press Printing Co., 1935.

1342. **Tolchinski Apparatus for Testing Motor Activity.** Ref: Gurevich, K. M. Opisanie apparata Tolchinskovo dla issledovania motoriki. Bull. Leningrad Inst. Org. Labor, 1932, No. 9–10, 39–43.

1343. **Vineland Needle-Threading Test.** Chicago: C. H. Stoelting Co.

1344. **Assembling Matches**, by E. R. Walker and W. Weedon. Ref: Walker, E. R., and Weedon, W. Assembling matches: a simple manu-motor test. AusJPs, 1927, 5, 144–149.

1345. **Mechanical Assembling Tests**, by D. Weinberg. Ref: Weinberg, D. Le test de montage d'objets, pour la détermination des aptitudes au travail qualifié. BuInNatProf, 1934, 6, 113–120.

1346. **Pencil Speed Test**, by J. D. Weinland. New York: J. D. Weinland, New York University, 1924.

1347. **Tapping Test**, by G. M. Whipple and W. Healy. Chicago: C. H. Stoelting Co. Ref: Hewes, A., and students at Mt. Holyoke. Standardization of the Whipple-Healy tapping test. JApPs, 1922, 6, 113–119. Also: Bronner, A. F., Healy, W., Lowe, G. M., and Shimberg, M. E. A manual of individual tests and testing. New York: Little, Brown and Co., 1927, p. 144.

1348. **Psycho-Motor Tests**, by G. M. Whipple.
Test 6. Strength of Grip
Test 7. Strength of Back
Test 8. Strength of Legs
Test 9. Endurance of Grip
Test 10. Quickness or Rate of Movement: Tapping
Test 11. Accuracy or Precision of Movement: Aiming
Test 12. Accuracy, Precision or Steadiness of Movement: Tracing
Test 13. Steadiness of Motor Control: Involuntary Movement
Ref: Whipple, G. M. Manual of mental and physical tests, Volume I. Baltimore: Warwick and York, 1914, 100–160. Also, Chicago: C. H. Stoelting Co.

1349. **Manual Dexterity Tests**, by S. Wyatt. Ref: Wyatt, S. An experimental study of a repetitive process. BrJPs, 1927, 17, 192-209.

1350. **Motor Tests**, by A. V. Yarmolenko. Ref: Yarmolenko, A. V. The motor sphere of school-age children. JGenetPs, 1933, 42, 298–319. Also: Yarmolenko, A. V. (The exactness of hand movements in psychoneurotic children.) Nov. Psikhonevrol. Det. Vozr., 1935, 129–138.

1351. **Multiple Choice Apparatus**, by R. M. Yerkes. (Also adapted by Münsterberg for mental testing.) Chicago: C. H. Stoelting Co., 1916. Ref: (1) Yerkes, R. M. The mental life of monkeys and apes: a study of ideational behavior. Behavior Monograph, 1916, No. 3. (2) Yerkes, R. M. A new method of studying the ideational behavior of mentally defective and deranged as compared with normal individuals. JComPs, 1921, (October), 369–394. (3) Bronner, A. F., Healy, W., et al. A manual of individual mental tests and testing. Boston: Little, Brown and Co., 1927, p. 166, Test 117.

The following items have incomplete references or are not available:

1352. **Blackhurst Strength Tests**, by D. J. Blackhurst. Ref: Mentioned in Hicks, J. A. Acquisition of motor skill in young children: an experimental study of the effects of practice throwing at a moving target. UnivIowaSChWelf, 1931, 4, No. 5.

1353. **Roberts Obstacle Test.** Ref: Mentioned by Viteles, M. S. The influence of training on motor test performances. JExPs, 1933, 16, 556–564.

1354. **Whitman's Manual Dexterity Series.** Mentioned in Human Factor, 1935, 9, 197.

1355. **Glenn's Paper Folding Test,** by I. Glenn. Ref: Treat, K. A team of psychological tests for mentally deficient power machine operators. New York: Unpublished thesis, Columbia University, 1924.

1356. **Woodworth's Zigzag Test,** by R. S. Woodworth. Ref: Treat, K. A team of psychological tests for mentally deficient power machine operators. New York: Unpublished thesis, Columbia University, 1924.

LATERALITY, HANDEDNESS AND EYE–DOMINANCE

1357. **Reaction Tests of Right or Left Foot and Combined Reactions with Hand and Foot,** by Azzi. Ref: Dockeray, F. C., and Isaacs, S. Psychological research in aviation in Italy, France, England and the American Expeditionary Forces. JComPs, 1921, 1, 115–118. Also: Azzi. Recherche biologiche sull'aviazione. Rome: Tipografia Nazionale Bertero, 1919.

1358. **Tests of Handedness,** by L. F. Beck. Ref: Beck, L. F. Manual skills and the measurement of handedness. JPs, 1936, 2, 259–272.

1359. **Accuracy of Movement Test,** by A. L. Beeley. Ref: Beeley, A. L. An experimental study in left-handedness with practical suggestions for classroom tests. Supplementary Monograph of the Department of Education, University of Chicago, 1918, 2, No. 2.

1360. **Tests and Questionnaire for Measuring Handedness,** by C. Burt. Ref: Burt, C. The backward child. New York: D. Appleton-Century Co., 1937, p. 271ff.

1361. **Suggestions for Tests of Eyedness,** by C. Burt. Ref: Burt, C. The backward child. New York: D. Appleton-Century Co., 1937, p. 302.

1362. **Tests of Eye and Hand Usage,** by N. B. Cuff. Ref: Cuff, N. B. A study of eyedness and handedness. JExPs, 1931, 14, 165–175. Also: Cuff, N. B. A manoptometer. AmJPs, 1930, 42, 639.

1363. **Handedness Tests,** by J. E. Downey. Ref: Downey, J. E. Laterality of function. PsBul, 1933, 30, 109–142.

1364. **Group Tests of Manual Laterality,** by W. N. Durost. Ref: Durost, W. N. The development of a battery of objective group tests of manual laterality, with the results of their application to 1300 children. GenetPsM, 1934, 16, No. 4.

1365. **Tests for Handedness,** by H. Gordon. Ref: Gordon, H. Left-handedness and mirror writing. Brain, 1920, 43, 313–368.

1366. **Laterality Test Questionnaire,** by C. J. Hull. Ref: Hull, C. J. A study of laterality test items. JExEd, 1936, 4, 287-290.

1367. **Ambigraph Laterality Test,** by J. Jastak. Range: ages 6–16. New York: Psychological Corporation, 1936.

1368. **Hand-Usage Tests,** by W. Johnson, D. M. Davis, and D. Duke. Ref: Johnson, W., and Davis, D. M. Dextrality quotients of seven-year-olds in terms of hand usage. JEdPs, 1937, 28, 346–354. Also: Johnson, W., and Duke, D. The dextrality quotients of fifty six-year-olds with regard to hand usage. JEdPs, 1936, 27, 26–36.

1369. **Handedness Tests,** by W. F. Jones. Ref: Jones W. F. The problem of handedness in education. Washington, D. C.: Addresses and Proceedings, National Education Association, 1915, 959–963.

1370. **Koch's Handedness Questionnaire,** by H. Koch. Ref: Koch, H. A study of the nature, measurement and determination of hand preference. GenetPsM, 1933, 13, 117–218.

1371. **A Habit Scale for Handedness,** by C. E. Lauterbach. Ref: Lauterbach, C. E. The measurement of handedness. JGenetPs, 1933, 43, 207–212.

1372. **Manoptometer,** by F. H. Lund. Chicago: C. H. Stoelting Co. Ref: Lund, F. H. The manoptometer: a new device for measuring eye-dominance. AmJPs, 1932, 44, 181–183.

1373. **A-B-C Vision Test of Ocular Dominance,** by W. R. Miles. Chicago: C. H. Stoelting Co. Ref: Miles, W. R. Ocular dominance in adults. JGenPs, 1930, 3, 412–430.

1374. **Tests of Handedness,** by R. H. Ojemann. Ref: Ojemann, R. H. Studies in handedness; a technique for testing unimanual handedness. JEdPs, 1930, 21, 597–702.

1375. **Manoptoscope,** by B. S. Parson. Chicago: C. H. Stoelting Co. Ref: Parson, B. S. Lefthandedness. New York: Macmillan Co., 1924.

1376. **Series of Tests for Handedness,** by N. Scheidemann. Ref: Scheidemann, N. Psychology of exceptional children. Boston: Houghton Mifflin Co., 1931, 137–138.

1377. **Tests for Lateral Dominance,** by C. A. Selzer. Ref: Selzer, C. A. Lateral dominance and visual fusion: their application to difficulties in reading, writing, spelling and speech. HarMEd, 1933, No. 12.

1378. **Motor Tests for Hand, Eye and Foot Preference,** by M. A. Stanger and E. K. Donohue. Ref: Stanger, M. A., and Donohue, E. K. Prediction and prevention of reading difficulties. New York: Oxford University Press, 1937.

1379. **Tests of Handedness,** by L. E. Travis. Ref: Travis, L. E. Diagnosis in speech. 34th YrbkNaSoSEd, 1935, Ch. 19, 418–420.

1380. **Test of Laterality—T-N-50,** by E. B. Twitmeyer and Y. Nathanson. Ref: Twitmeyer, E. B., and Nathanson, Y. Determination of laterality. PsCl, 1933, 22, No. 3.

1381. **Test for Ear Preference, T-N-51, 52, Auditory Dominance,** by E. B. Twitmeyer and Y. Nathanson. Ref: Twitmeyer, E. B., and Nathanson, Y. Determination of laterality. PsCl, 1933, 22, No. 3.

1382. **A Test of Laterality,** by C. Van Riper. Ref: (1) Van Riper, C. A new test of laterality. JExPs, 1934, 17, 305–313. (2) Johnson, W., and House, E. Certain laterality characteristics of children with articulatory disorders. ElemSchJ, 1937, 38, 52–58. (3) Van Riper, C. The quantitative measurement of laterality. JExPs, 1935, 18, 372–382.

1383. **Apparatus for Measurement of Laterality,** by C. Van Riper. Ref: Van Riper, C. The quantitative measurement of laterality. JExPs, 1935, 18, 372–382.

See also addenda, Tests 4210, 4216, 4226, 4241.

ACHIEVEMENT AND EDUCATIONAL TESTS

COMPOSITE, GENERAL AND UNCLASSIFIED

1384. **Atlanta Series of Tests.** English Test, grades 7–8; Algebra, junior high school; Biology, grade H-9; English Classics; American History, grade H-8; Latin, junior and senior high school; Spelling. Atlanta, Ga.: Board of Education, 1929.

1385. **Ballard Achievement Tests, 1923 Series,** by P. B. Ballard. Reading, spelling, arithmetic, composition. Ref: Ballard, P. B. Group tests of intelligence. London: Hodder and Stoughton, 1923, p. 134.

1386. **Ballard's Achievement Tests, 1927 Series,** by P. B. Ballard. Mechanical arithmetic, arithmetic reasoning, geography, history, script writing scale, English comprehension, algebra group tests for juniors. Ref: Ballard, P. B. The new examiner. London: Hodder and Stoughton, 1927. Also: Cattell, R. B. A guide to mental testing. University of London Press, 1936, p. 82ff.

1387. **Scales for Measuring the Results of Instruction,** by A. Binet and V. Vaney. Reading, arithmetic, spelling. Ref: Binet, A., and Simon, T. Les enfants anormaux. Paris: Armand Colin, 1907.

1388. **Achievement Test Battery,** by O. Bobertag. (Reading, vocabulary, arithmetic problems, language, computation and spelling.) Berlin: Zentral Institut für Erziehung und Unterricht, 1935.

1389. **Measuring Devices in Composition, Spelling and Arithmetic,** by W. Boyd. London: G. G. Harrap Co., 1924.

1390. **Achievement Tests, 1935–1936, 1936–1937,** by M. Briscoe, V. H. Culp, and M. M. Guhin. Range: grades 1–8. Aberdeen, S. D.: Hub City School Supply Co., 1935–1937.

1391. **Tests of Educational Attainments,** by C. Burt. Arithmetic, spelling dictation, reading, vocabulary. Ref: Burt, C. Mental and scholastic tests. London: P. S. King and Son, 1921, 257.

1392. **College Sophomore Examination,** by the Carnegie Foundation for the Advancement of Teaching. English, mathematics, intelligence, foreign language, social science, natural science, general culture. New York: Carnegie Foundation for the Advancement of Teaching, 1930.

1393. **College Senior General Test of Educational Achievement,** by the Carnegie Foundation for the Advancement of Teaching. New York: The Carnegie Foundation for the Advancement of Teaching, 1928.

1394. **Midland Attainment Tests,** by R. B. Cattell. (Reading, spelling, literature, grammar, and arithmetic.) Ref: Cattell, R. B. A guide to mental tests. University of London Press, 1936, p. 81–82. Also: Cattell, R. B. The Midland attainment tests; "F" Arithmetic, English. London: University of London Press. 1938.

1395. **Lippincott-Chapman Classroom Products Survey Tests,** by J. C. Chapman. Arithmetic and reading. Range: grades 5–8. Philadelphia: J. B. Lippincott Co., 1921.

1396. **Carnegie High School Achievement Examination.** Reading, English, mathematics, science, social studies, languages, by G. U. Cleeton and L. F. Shaffer. Pittsburgh, Pa.: Department of Psychology, Carnegie Institute of Technology. Not for general distribution. Single copies available on request.

1397. **Columbian Achievement Tests,** L. W. Pressey, Editor. Arithmetic, grades 3–8; English, grades 7 and 8; Spelling, grades 3–6; Reading, grade 3. Columbus, Ohio: Columbian Test Service.

1398. **Cooperative Test Series.** Listed under separate subject headings.

1399. **Cooperative General Achievement Test.** New York: Cooperative Test Service, 1937. Part I: Survey Test in the Social Studies. Part II: Survey Test in the Natural Sciences. Part III: Survey Test in Mathematics. Range: secondary school and college placement.

1400. **Detroit Cardinal Objectives Examination.** General information and background. Detroit, Mich.: Board of Education.

1401. **Tests of Ability for Secondary School Courses,** by F. M. Earle. (Vocabulary, algebra, geometry, science.) London: University of London Press, 1936.

1402. **Educational Inventory,** by I. Gabrea, R. Petre, and D. Theodosiu. Ref: Gabrea, I., Petre, R., and Theodosiu, D. Fisa pedagogica. Bucharest, Roumania: Ministerul Instructionii, Editura Casei Scoalelor, 1934.

1403. **Tests and Standards for the Measurement of School Progress (Russian),** by E. V. Guryanov. Ref: Guryanov, E. V. [The measurement of school progress of children. Tests and standards in schools.] Moscow: Rabotnik prosveschenia, 1926, 1930.

1404. **Modern Objective Tests,** edited by F. Hale. Range: upper elementary grades. Includes brief tests in English literature, history, geography, health education. New York: Educational Publishing Corporation, 1934.

1405. **Harlow Achievement Tests for First and Second Grade,** by L. Doss. Range: Tests for grades 1 and 2. Oklahoma City, Okla.: Harlow Publishing Co., 1936.

1406. **Indiana State High School Tests,** under direction of State High School Test Committee, H. H. Remmers, J. W. Jones, R. Noyer and W. W. Wright. Range: high school. English: Grammar and Mechanics of Writing, English: Understanding and Appreciation of Prose and Poetry, First Year Latin, Second Year Latin, Plane Geometry, Solid Geometry, First Year Algebra, Advanced Algebra, Biology, World History, American History, First Year French, Second Year French, First Year Typewriting, Second Year Typewriting, First Year Shorthand, Second Year Shorthand, First Year Bookkeeping and Second Year Bookkeeping. Lafayette, Ind.: Division of Educational Reference, Purdue University, 1931. Ref: Remmers, H. H. The achievement of our high schools—results of the state high school testing program, 1930–1931. Bulletin of Purdue University, 1931, 32, No. 2.

1407. **Indiana Composite Achievement Test,** by W. W. Wright. Range: grades 7 and 8. Arithmetic, American history, Indiana history, civics, geography, language, reading, physiology, spelling. Bloomington, Ind.: Bureau of Cooperative Research, Indiana University, 1927.

1408. **Iowa Every Pupil Tests of Basic Skills,** by E. Horn, M. McBroom, H. A. Greene; and E. F. Lindquist, General Editor. New edition each year. Range: grades 6, 7 and 8. Test A: Silent Reading Comprehension; Test B: Vocabulary, basic study skills; Test C: Basic Language Skills; Test D: Basic Arithmetic Skills. Iowa City: Bureau of Educational Research and Service, State University of Iowa, 1936, 1937.

1409. **Iowa Every-Pupil High School Tests.** (Tests used in the Iowa annual contest.) Tests in 9th grade algebra, general science, plane geometry, biology, world history, American history, American literature, reading comprehension, physics, economics, American government, English literature, English correctness, Latin, and contemporary affairs. Iowa City: Bureau of Educational Research and Service, State University of Iowa. New edition every year.

1410. **Iowa High School Content Examination,** by G. M. Ruch, with the cooperation of G. U. Cleeton and G. D. Stoddard. Range: high school seniors and college freshmen. English literature, English grammar, mathematics, science, history, and social science. Iowa City: Bureau of Educational Research and Service, University of Iowa, 1924, 1925, and subsequent years.

1411. **Iowa Placement Examinations, New Series,** by G. D. Stoddard, M. F. Carpenter and others. English aptitude, English training, chemistry aptitude, chemistry training, French training, mathematics aptitude, mathematics train-

ing, Spanish training, foreign language aptitude. A revision of the 1925 edition. Iowa City: Bureau of Educational Research and Service, University of Iowa, 1931.

1412. **Kansas Every Pupil Primary Achievement Test**, by K. Kayser and H. E. Schrammel. Range: grades 1 to 3. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College, 1933.

1413. **Kansas Every Pupil Scholarship Tests**, by Kansas State Teachers College, Emporia Kansas. (Tests for all high school and elementary school subjects.) Annual Contest and tests left over for general distribution.

1414. **Kern County Board of Education Review Tests, 1928.** Ref: Ruch, G. M. The objective or new type examination. Chicago: Scott, Foresman Co., 1929.

1415. **Lewis County, New York State Objective Examinations.** Ref: Orleans, J. S., and Sealy, G. A. Objective tests. Yonkers, N. Y.: World Book Co., 1928, appendix.

1416. **Master Achievement Tests.** Range: separate tests for grades 3–8. Columbus, Ohio: American Education Press, Inc.

1417. **Educational Background Questionnaire**, by W. A. McCall. Range: grade 1 to college. New York: Laidlaw Brothers, 1936.

1418. **Comprehensive Achievement Test**, by W. A. McCall and J. P. Herring. Range: grades 4–9. New York: Laidlaw Brothers, 1936.

1419. **School Practices Questionnaire**, by W. A. McCall, J. P. Herring, and J. J. Loftus. Range: grades 4–9. New York: Laidlaw Brothers, 1937.

1420. **Metropolitan Achievement Tests (New York City and General Editions)**, by J. S. Orleans (Editor), and S. F. Bayne, F. B. Graham, G. H. Hildreth. Range: Primary I Battery, grade 1; Primary II Battery, grades 2–3; Intermediate Battery, grades 4–6; Advanced Battery, grades 7–8. Partial and complete batteries or single tests. Yonkers, N. Y.: World Book Co., 1931, 1937.

1421. **Tests in Arithmetic, Language, Reading, and History (Based on the Indiana state course of study)**, by J. G. Meyer and F. E. Day, et al. Range: tests from grade 4 to 8. North Manchester, Ind.: Bureau of Tests and Measurements, Manchester College, 1936.

1422. **Objective Tests in High School Subjects**, by G. Miller. Algebra, biology, chemistry, civics, English, French, history, Latin, physics. Washington, D. C.: Daylion Press.

1423. **Illinois Examination**, by W. S. Monroe and B. R. Buckingham. (General intelligence, operations of arithmetic and silent reading.) Range: Examination I, grades 3–5; Examination II, grades 6–8. Bloomington, Ill.: Public School Publishing Co., 1920.

1424. **Modern School Achievement Tests**, by A. I. Gates, P. R. Mort, P. M. Symonds, R. B. Spence, G. S. Craig, De F. Stull, R. Hatch, A. I. Shaw and L. B. Krieger. Reading comprehension, Reading speed and accuracy, Arithmetic computation, Arithmetic reasoning, Diagnostic test in spelling, Health knowledge, Language Usage, Social Studies—History and Civics, Social Studies—Geography, Elementary Science. New York: Bureau of Publications, Teachers College, Columbia University, 1931. Also Short Form—Skill Subjects. Ref: Mort, P. R., and Gates, A. I. The acceptable uses of achievement tests. New York: Bureau of Publications, Teachers College, Columbia University.

1425. **Myers-Ruch High School Progress Test**, by C. E. Myers, G. M. Ruch, and G. C. Loofbourow. Range: grades 7–12. Yonkers, N. Y.: World Book Co. Revised edition, 1938.

1426. **National Achievement Tests, Experimental Edition**, by R. K. Speer and S. Smith. (Tests in arithmetic reasoning, arithmetic fundamentals, English, literature, geography, health, American history, general science, social studies, spelling.) Range: grades 3–8. Rockville Center, L. I.: Acorn Publishing Co., 1937.

1427. **New Jersey State Examination for Eighth-Grade Pupils**, by Department of Public Instruction, New Jersey, 1927. Arithmetic, spelling, English, geography, history and Constitution of the United States, hygiene and handwriting. Range: grade 8. Ref: Smith, H. L., and Wright, W. W. Second revision of the bibliography of educational measurements. Bulletin of the School of Education, Indiana University, 1927, 4, No. 2.

1428. **New-South Achievement Tests**, by H. Gray and D. F. Votaw. Range: Primary Test, grades 2–3; Advanced Test, grades 4–7. (Tests in language, literature, spelling, vocabulary, reading comprehension, social studies, knowledge of physical education, arithmetic reasoning, arithmetic computation.) Austin, Texas: Steck Co., 1934–1936.

1429. **North Carolina High School Senior Examination**, by the Committee on College Admissions of the North Carolina College Conference. Range: high school seniors. Chapel Hill, N. C.: Bureau of Educational Research, University of North Carolina, 1935.

1430. **Omnibus Achievement Test**, by C. W. Odell. Range: grades 6–8. Geography, history, arithmetic, language, and elementary science. Urbana, Ill.: Bureau of Educational Research, University of Illinois, 1922.

1431. **Ohio Every Pupil Tests**, conducted by the Ohio State Department of Education. Includes tests in arithmetic, physics, plane geometry, chemistry, Latin, American history, and algebra. Columbus, Ohio: State Department of Education, 1930, 1931.

1432. **Ohio General Scholarship Test for High School Seniors**, by A. W. Stewart, J. Schwarz, E. B. Smith, C. P. Smith, H. R. Wagner, J. P. Albert, H. C. Christofferson, T. B. Haber, R. A. Foster, and W. E. Meyer. Science, history, mathematics, English, and current events. Range: end of senior year. Columbus, Ohio: Ohio Scholarship Tests, Department of Education, State of Ohio, 1935.

1433. **Ohio Literacy Test**, by V. Foster and H. H. Goddard. Range: grade 1 through high school. Columbus, Ohio: Department of Psychology, Ohio State University. Ref: Foster, V., and Goddard, H. H. The Ohio literacy test. PedSem, 1924, 31, 340–352.

1434. **Ohio State University High School Content Examination.** Range: college freshmen. Columbus, Ohio: Department of Psychology, Ohio State University.

1435. **Eighth Year Test (Ohio Scholarship Contest)**, by B. A. Stevens, P. M. Carl, H. Hadley, M. L. Young, L. C. Litzenberg, J. B. Read, O. Schmied, R. E. Senff, and J. L. Hupp. Range: for end of eighth grade. Columbus, Ohio: Department of Education, 1934.

1436. **O'Rourke Attainment Tests**, by L. J. O'Rourke. Includes tests of Vocabulary, Arithmetic Reasoning, Arithmetic Fundamentals, and Language. Washington, D. C.: Educational and Personnel Publishing Co.

1437. **Standard Graduation Examination**, by A. S. Otis and J. S. Orleans. Range: end of elementary school. Yonkers, N. Y.: World Book Co., 1930, 1931.

1438. **Pintner Educational Achievement Test**, by R. Pintner. Range: grades 4–8. Arithmetic, spelling, information, vocabulary, reading. New York: Bureau of Publications, Teachers College, Columbia University, 1929, 1931.

1439. **Fourth Annual Scholastic News Examination.** Range: grades 9–12. Pittsburgh, Pa.: Scholastic, Chamber of Commerce Building, 1935.

1440. **Pressey Second Grade Attainment Scale**, by L. C. Pressey. Spelling, reading, vocabulary, and arithmetic. Range: grade 2. Bloomington, Ill.: Public School Publishing Co., 1922.

1441. **Pressey Third Grade Attainment Scale**, by L. C. Pressey. Spelling, reading, arithmetic. Range: grade 3. Bloomington, Ill.: Public School Publishing Co., 1923.

1442. **Scale of Attainment No. 1**, by S. L. Pressey, Department of Psychology, Indiana University. Spelling, reading, arithmetic. Range: grade 2. Bloomington, Ind.: Department of Psychology, Indiana University, 1920.

1443. **Pressey Scale of Attainment No. 2**, by S. L. Pressey. Reading vocabulary, American history, arithmetic and English grammar. Range: grade 8. Bloomington, Ind.: Department of Psychology, Indiana University, 1921.

1444. **Scale of Attainment, No. 3**, by S. L. Pressey, Department of Psychology, Indiana University. Spelling, reading, arithmetic. Range: grade 3. Bloomington, Ind.: Department of Psychology, Indiana University, 1921.

1445. **Progressive Achievement Tests**, by E. W. Tiegs and W. W. Clark. Range: Primary Battery, grades 1–3; Elementary Battery, grades 4–6; Intermediate Battery, grades 7–9; Advanced Battery, grades 9–13. Hollywood, Calif.: Southern California School Book Depository, 1933–1936.

1446. **Public School Achievement Tests.** Forms I and II by J. S. Orleans; Forms III and IV by T. L. Torgerson. Range: Battery A (grades 3–8), Battery B (grades 6–8), Battery C (grades 4–8). Also individual tests in reading, arithmetic computation, arithmetic reasoning, language usage, spelling, grammar, history, geography, nature study, and health. Bloomington, Ill.: Public School Publishing Co., 1928, 1930 and 1931.

1447. **Public School Attainment Tests for High School Entrance**, by A. E. Traxler, J. C. Tressler, H. D. Rinsland, R. L. Beck, and J. M. Lee. (Reading, English usage, algebra.) Range: grades 8–10. Bloomington, Ill.: Public School Publishing Co., 1936.

1448. **Public School Correlated Attainment Scales (Reading, vocabulary, spelling, arithmetic, learning aptitude)**, from tests by A. J. Williams, A. E. Traxler, W. T. Markham, P. V. Sangren, A. Reidy, B. R. Buckingham, and L. C. Pressey. Range: grades 5–8. Bloomington, Ill.: Public School Publishing Co., 1937.

1449. **New York State Regents' Literacy Test**, by A. Rejall. For voters. Albany, N. Y.: State Department of Education, 1923.

1450. **Achievement Tests**, (French pupils) by M. Remy. Reading, arithmetic, scale of intelligence and vocabulary. Ref: Remy, M. Tests rapides de lecture. BuSocAntBruxelles, 1926, 26, 87–99.

1451. **Tests for the Exploration of Child Knowledge (French)**, by M. Remy and T. Simon. Spelling, opposites, calculation, and geometry. Ref: Remy, M., and Simon, T. Nouvelle série d'epreuves pouvant serier à explorer des connaissances des enfants. BuSocBinet, 1934, 35, 1–28. Also: Remy, M. Nouveaux tests d'instruction. BuSocBinet, 1934, 35, 66–67.

1452. **Tests of Culture**, by T. Simon. Ref: Simon, T. Tests de culture. BuSocBinet, 1930, 31, 1–6.

1453. **Sones-Harry High School Achievement Test**, by W. W. D. Sones and D. P. Harry. Range: grades 9–12 and college. Yonkers, N. Y.: World Book Co., 1929.

1454. **Group Achievement Test.** Range: grades 8–9. Toronto, Canada: Department of Educational Research, University of Toronto, 1934.

1455. **Tracy Short Answer Tests**, by O. Tracy and H. D. Rinsland. (Arithmetic, reading, spelling, writing, language, social science, physiology, agriculture, domestic science.) Range: tests for grades 1–8. Kansas City, Mo.: Samuel Dodsworth Stationery Co., 1932–1934.

1456. **Unit Scales of Aptitude**, by M. J. Van Wagenen. (Rate of Comprehension Scale, Perception of Relations Scale, Reading Vocabulary, Composition Vocabulary, Range of General Information). Range: division 1, grades 4–5; division 2, grades 6–7; division 3, grades 8–9; division 4, grades 10–12. Minneapolis, Minn.: Educational Test Bureau, 1934.

1457. **Unit Scales of Attainment**, by M. E. Branom, L. J. Brueckner, A. M. Jordan, P. Cutright, W. A. Anderson, M. G. Kelty, A. Dvorak and M. J. Van

Wagenen. Includes tests in reading, arithmetic, language, spelling, geography, history, literature, and elementary science. Range: reading (only) 1st grade; reading (only) 2nd grade; division 1, grades 3 and 4; division 2, grades 5 and 6; division 3, grades 7 and 8; division 4, grade 9. Minneapolis, Minn.: Educational Test Bureau, 1932. Also Short Batteries and separate tests.

1458. **Attainment Scale for Clinical Use**, by J. E. W. Wallin. Range: grades 1–8. Chicago: C. H. Stoelting Co. Ref: Wallin, J. E. W., and Gilbert, M. A brief educational attainment scale for clinical use. PedSem, 1927, 34, 441–489.

1459. **Wisconsin High School Achievement Tests**, under the direction of T. L. Torgerson. New edition each year. Madison, Wisc.: E. M. Hale Publishing Co.

1460. **New Stanford Achievement Test, Forms V, W, X, Y, and Z**, by T. L. Kelley, G. M. Ruch and L. M. Terman. Range: primary examination, grades 2–3, reading, arithmetic, spelling; advanced examination, grades 4–9, reading, spelling, arithmetic, language usage, literature, history and civics, geography, physiology and hygiene. Yonkers, N. Y.: World Book Co., 1929.

1461. **Stanford Achievement Test, Forms A. and B**, by T. L. Kelley, G. M. Ruch and L. M. Terman. Range: primary examination-grades 2–3, reading, arithmetic, spelling; advanced examination (out of print) grades 4–8, reading, arithmetic, spelling, nature study and science, history and literature, language usage. Yonkers, N. Y.: World Book Co., 1922.

1462. **Comprehensive Achievement Tests for Oklahoma Eighth Grade**, by G. Wells. Oklahoma City, Okla.: Harlow Publishing Co., 1934.

1463. **Comprehensive Achievement Tests for Texas**, by G. C. Wells. Range: separate tests for grades 3–7. Oklahoma City, Okla.: Harlow Publishing Co., 1934–35.

1464. **Wyoming Uniform State Examinations**, by County Superintendents' Association Examination Committee. Range: grades 6–8. Geography, arithmetic, history, physiology-hygiene, agriculture, language and grammar, reading, civics. Rawlins, Wyoming: County Superintendents' Association, 1926.

The following items have inadequate references or are not available:

1465. **Courtis' Standard Research Test in Spelling and Handwriting, Series S, Folder B**, by S. A. Courtis. Range: grades 2–8; dictation test 5, grades 4–6; dictation test 9, grades 6A–8A. Detroit: S. A. Courtis, 1916. (Not available.)

1466. **Denver Curriculum Test in Kindergarten Achievement**, by Denver Public Schools. Denver, Colo.: Denver Public Schools, 1927. (Not available.)

1467. **New Jersey Composite Test**, by R. L. Schaeffer and others. Range: grade 5. Trenton, N. J.: Board of Education. (Not available.)

AGRICULTURE

1468. **A Group Test on Dairy Husbandry Information**, by S. Dickinson. Ref: University of Missouri Bulletin, Vol. 29, No. 42. Education Series, 1929, No. 26.

1469. **Poultry Production**, by S. Dickinson. Columbia, Mo.: S. Dickinson, University of Missouri, 1928.

1470. **Vegetable Gardening Test**, by C. E. Gronemeyer. One of the National Agricultural Tests. Range: high school and college. State College, Pa.: Rural Education Department, Pennsylvania State College, 1924.

1471. **Farm Mechanics Information Test**, by W. F. Hall and V. A. Martin. One of the National Agricultural Tests. State College, Pa.: Rural Education Department, Pennsylvania State College, 1924.

1472. **Farm Crops**, by W. M. Hendricks. One of the National Agricultural Tests. Range: high school and college. State College, Pa.: Rural Education Department, Pennsylvania State College, 1924.

1473. **Auburn Tests for Agricultural Information—Field Crops**, by P. Irvine and others. Range: high school. Auburn, Ala.: Alabama Polytechnic Institute, 1930. Ref: Alabama Polytechnic Institute Bulletin, Bureau of Educational Service, 1930, 1, No. 2.

1474. **Every Pupil Scholarship Test in Agriculture**, by W. E. Hoggatt. Range: high school. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College. New form each year.

1475. **Small Grains**, by F. W. Lathrop. Minneapolis: University of Minnesota.

1476. **National Agricultural Tests**, edited by C. E. Myers. Range: grade 8 through college. Vegetable Gardening Information Test, Farm Mechanics Information Test, Farm Crops Information Test, and Poultry Production Information Test. State College, Pa.: Rural Education Department, Pennsylvania State College, 1924. Van Cleve, Publishers.

1477. **Farmers' General Information Test**, by H. A. Toops. Ref: Toops, H. A. Trade tests in education. TCConEd, 1921, No. 115.

1478. **Final Test in Agriculture: Comprehensive Objective Tests for Seventh-Grade Pupils in Texas**, by J. J. Wilson, A. L. Long, R. L. Bunting, and I. Maris. Range: grade 7. Oklahoma City, Okla.: Harlow Publishing Co., 1931–33.

The following items have incomplete references or are not available:

1479. **Tests for Head Farmer**, by Bureau of Public Personnel Administration. Chicago: Bureau of Public Personnel Administration, 1929. (Not available.)

1480. **Tests for Vegetable Gardener**, by Bureau of Public Personnel Administration. Chicago: Bureau of Public Personnel Administration, 1926. (Not available.)

1481. **Rural Life**, by J. L. Hypes. Range: college students. Ref: Smith, H. L., and Wright, W. W. Second revision of the bibliography of educational measurements. Bulletin of the School of Education, Indiana University, 1927, 4, No. 2.

1482. **Indiana Agriculture Test**, by W. W. Wright. Range: grades 7–8. Bloomington, Ind.: Bureau of Cooperative Research, Indiana University. (In mimeographed form.)

1483. **Smith Agricultural Information Tests in Animal Husbandry**, by Z. M. Smith. Range: pupils studying animal husbandry. Indianapolis, Ind.: State Director of Vocational Education. (Not available.)

1484. **Waits Tests for Measuring Attainments in Agriculture for Rural Schools**, by L. A. Waits. Range: grades 7–12. New Philadelphia, Ohio: L. A. Waits. (Not available.)

1485. **Poultry Information**, by A. D. Wilson. One of the National Agricultural Tests. Range: high school and college. State College, Pennsylvania: Rural Education Department, Pennsylvania State College, 1924. (Not available.)

EDUCATION

1486. **Educational Information Test**, by J. M. Brewer and M. E. Lincoln. Range: junior and senior high school. Chicago: C. H. Stoelting Co.

1487. **Cooperative Professional Education Test**, by A. L. Rose and M. H. Kelly. New York: Cooperative Test Service, 1933–1934.

1488. **A Comprehensive Objective Examination for Graduate Students in Education**, by M. D. Engelhardt and W. S. Monroe. Ref: Engelhardt, M. D. Standard tests for students of education. EdAdSup, 1929, 15, 93–101.

1489. **Examination for "An Introduction to Education,"** by G. W. Frasier and W. D. Armentrout. Chicago: Scott, Foresman and Co., 1934 (Third Edition).

1490. **Test of Outcomes of Instruction in the Technique of Teaching**, by M. E. Herriott. Ref: Herriott, M. E. One measure of outcomes of instruction in the technique of teaching. EdAdSup, 1929, 15, 514–518.

1491. **Orientation Test: Concerning Fundamental Aims of Education**, by A. S. Lewerenz and H. C. Steinmetz. Range: high school and college. Hollywood, Calif.: Southern California School Book Depository, 1931, 1935.

1492. **Principles of Organization and Management in Secondary Education**, by N. W. Newsom and C. H. Smeltzer. Range: secondary school teachers in training and in service. New York: Inor Publishing Co., 1935.

1493. **Odell-Herriott Standard Achievement Test on Principles of Teaching in Secondary Schools**, by C. W. Odell and M. E. Herriott. Range: college and normal school. Bloomington, Ill.: Public School Publishing Co., 1926.

1494. **Odell Standard Achievement Test on Educational Measurement**, by C. W. Odell. Bloomington, Ill.: Public School Publishing Co., 1932. Ref: Odell, C. W. A test in educational measurement. SchSoc, 1932, 35, 810–814.

1495. **Objective Tests to Accompany "Differentiated Assignments in Classroom Management,"** by E. M. Paulu. Boston: D. C. Heath and Co. Ref: Engelhardt, M. D. Standard tests for students of education. EdAdSup, 1929, 15, 93–101.

1496. **Tests to Accompany the "New Education and the New Psychology,"** by S. L. Pressey. New York: Harper and Brothers, 1934.

1497. **Teeter Objective Tests in Guidance**, by V. A. Teeter. A semester test to accompany a student's work-book in guidance, by V. A. Teeter. New York: McGraw-Hill Book Co., 1931.

1498. **Comprehensive Examination in Education**, by R. Van Hoesen with the cooperation of J. B. Edmonson, G. L. Jackson, L. W. Keeler, R. Schorling, W. C. Trow, and C. Woody. Range: secondary school teachers in training and in service. Ann Arbor, Mich.: Ann Arbor Press, 1933.

1499. **Standardized Examination on Principles of Secondary Education**, by D. F. Votaw and J. E. Grinnell. Range: courses in principles of secondary education. Oklahoma City, Okla.: Harlow Publishing Co., 1934.

1500. **Weber Standard Achievement Test on Aims, Purposes, Objectives, Attributes, and Functions in Secondary Education**, by J. J. Weber. Range: college. Bloomington, Ill.: Public School Publishing Co., 1925.

PSYCHOLOGY

1501. **Averill-Mueller Achievement Test in Psychology**, by L. A. Averill and A. D. Mueller. Range: college students. Chicago: C. H. Stoelting Co., 1925.

1502. **College Psychology Tests**, by J. E. Bathurst and N. V. Scheidemann. Chicago: Bureau of Public Personnel Administration, 1927.

1503. **Tests for Woodworth's "Psychology,"** by J. E. Bathurst and N. V. Scheidemann. Range: for college or university. Chicago: Bureau of Public Personnel Administration.

1504. **Quizzes on Dashiell's "Fundamentals of General Psychology,"** by A. G. Bayroff. Boston: Houghton Mifflin Co., 1937.

1505. **Standardized Objective Examination on Woodworth's Revised "Psychology,"** by G. H. Estabrooks. Hamilton, N. Y.: Colgate University Placement Bureau, 1930.

1506. **Geyer Objective Examination on Intelligence Testing**, by D. L. Geyer. Range: college. Chicago: Plymouth Press, 1922, 1923.

1507. **Harlan Technical Vocabulary Test in Psychology**, by C. L. Harlan. Range: college. 1926. Ref: Smith, H. L., and Wright, W. W. Second revision of the bibliography of educational measurements. Bulletin of the School of Education, Indiana University, 1927, 4, No. 2.

1508. **Tests of General and Educational Psychology**, by M. E. Herriott. Urbana, Ill.: Bureau of Educational Research, University of Illinois. Ref: Standard tests for students of education. EdAdSup, 1929, 15, 93–101.

1509. **Objective Problems to Accompany "Guide for Psychology,"** by G. D. Higginson. New York: Macmillan Co.

1510. **A General Psychology Vocabulary Test**, by M. B. Jensen. Bowling Green, Kentucky: Western Kentucky State Teachers College (experimental edition).

1511. **Test of Practical Judgment on Problems in Child Welfare**, by H. E. Jones and A. E. White. Berkeley, Calif.: Institute of Child Welfare, University of California, 1928. Mentioned by Conrad, H. S., and Harris, D. The free association method and the measurement of adult intelligence. University of California Publications in Psychology, 1931, 5, 1–45.

1512. **Objective Tests on Educational Psychology**, by A. M. Jordan. For use with "Educational Psychology," Revised Edition, by A. M. Jordan. New York: Henry Holt and Co., 1934.

1513. **Every Pupil Scholarship Test in Psychology**, by F. Smethers. Range: high school. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College, 1936. New forms every two years.

1514. **Educational Psychology Achievement Tests**, by F. B. Knight and T. R. McConnell. Ref: Knight, F. B., and McConnell, T. R. A syllabus for a first course in educational psychology, 1934–35 Edition. Iowa City, Iowa: Williams Iowa Supply Co., 1934.

1515. **May Standardized Examination on Woodworth's "Psychology,"** by M. A. May. Boston: Henry Holt and Co. Ref: Kinder, J. S., and Odell, C. W. Educational tests for use in institutions of higher learning. University of Illinois Bulletin, 1930, 27, 44–45.

1516. **Standardized Examinations in Psychology and Logic**, by M. A. May. Ref: May, M. A. Standardized examinations in psychology and logic. SchSoc, 1920, 11, 533–540.

1517. **A Comprehensive Examination in the History of Psychology**, by F. H. McCollom, University of Oregon.

1518. **Mead Examinations in Educational Measurements**, by A. R. Mead. Range: teachers and prospective teachers. Ref: Mead, A. R. Suggestions for the training of teachers in the use of educational measurements. EdAdSup, 1926, 12, 23–43.

1519. **Objective Psychology Tests**, by H. Meltzer and E. M. Bailor. Ref: Meltzer, H., and Bailor, E. M. Developed lessons for psychology including objective tests with norms. New York: Harcourt Brace and Co., 1929.

1520. **Test in Educational Psychology**, by W. S. Miller. Ref: Miller, W. S. An objective test in educational psychology. JEdPs, 1925, 16, 237–246.

1521. **An Outline and Objective Examination of Basic Concepts and Methods in Experimental Psychology**, by F. Nylander. Ref: Nylander, F. An outline and objective examination of basic concepts and methods in experimental psychology. PsBul, 1935, 32, 542.

1522. **Instructional Tests in Psychology: for Use with the New Self-Instructor and Tester**, by H. J. Peterson and J. C. Peterson. Designed to accompany Woodworth's "Psychology," revised edition. New York: Psychological Corporation, 1933.

1523. **Potthoff-Corey Test in Educational Psychology**, by E. F. Potthoff and S. M. Corey. Range: elementary courses in educational psychology. Bloomington, Ill.: Public School Publishing Co., 1931.

1524. **The College Psychology Test**, by D. Schmalhausen. Chicago: Bureau of Public Personnel Administration.

1525. **Chapter Tests to Accompany "Educational Psychology,"** by J. B. Stroud. New York: Macmillan Co., 1936.

1526. **Status Test in Elementary Psychology,** by J. Tiffin. Ref: Seashore, C. E., and Seashore, R. H. Elementary experiments in psychology. Boston: Henry Holt and Co., 1935.

1527. **Toothman Test in Elementary Educational Psychology,** by H. F. Toothman. Cincinnati, Ohio: C. A. Gregory Co., 1936.

1528. **Van Wagenen Reading Scales in Educational Psychology,** by M. J. Van Wagenen. Minneapolis, Minn.: Educational Test Bureau, 1929.

1529. **Tests on "General Psychology,"** by W. F. Vaughan and J. G. Needham. Based on Vaughan's "General Psychology." Garden City, N. Y.: Doubleday Doran and Co., 1936.

1530. **Examination in Psychiatry,** by F. L. Wells. Ref: Wells, F. L. A short answer examination in psychiatry. JGenetPs, 1930, 37, 309–314.

1531. **Revised Examinations for Woodworth's "Psychology,"** by R. S. Woodworth. New York: Henry Holt and Co.

COMMERCIAL SUBJECTS

Shorthand

1532. **Bisbee Junior and Senior Shorthand Tests,** by E. V. Bisbee. Range: 1–2 years of shorthand. Bloomington, Ill.: Public School Publishing Co., 1933. Ref: Bisbee, E. V. Testing program for junior shorthand. Commercial Education, 1931, 17, 4–9.

1533. **Blackstone Stenographic Proficiency Tests—Stenography Test,** by E. G. Blackstone and M. W. McLaughlin. Yonkers, N. Y.: World Book Co., 1931, 1932.

1534. **Gregg Shorthand: Comprehensive Objective Tests in High School Subjects,** by E. Clevenger; edited by G. C. Wells. Oklahoma City, Okla.: Harlow Publishing Co., 1931.

1535. **Detroit Examination in Shorthand,** by Department of Instructional Research, Detroit Public Schools. Range: high school. Detroit, Mich.: Public Schools, 1927. Ref: Ruch, G. M., and Rice, G. A. Specimen objective examinations. Chicago: Scott, Foresman and Co., 1931, 275–282.

1536. **Effinger-Raymond Shorthand Tests,** by F. Effinger-Raymond and E. S. Adams. New York: Gregg Publishing Co., 1926.

1537. **Hoke Prognostic Test of Stenographic Ability,** by E. Hoke. For pupils studying stenography. New York: Gregg Publishing Co., 1922. Ref: Hull, C. L., and Limp, C. E. The differentiation of the aptitudes of an individual by means of test batteries. JEdPs, 1925, 16, 73–88.

1538. **Hoke Measuring Scale for Gregg Shorthand Penmanship,** by E. Hoke. For pupils studying Gregg shorthand. New York: Gregg Publishing Co., 1922.

1539. **Hoke Measuring Scale for Knowledge of Gregg Shorthand,** by E. Hoke. For pupils studying Gregg shorthand. New York: Gregg Publishing Co., 1922.

1540. **Shorthand Test: State High School Tests for Indiana,** by M. E. Studebaker, B. M. Swinford, V. H. Carmichael, F. R. Botsford, and C. Puckett. Range: first, second, third, and fourth semesters. Lafayette, Ind.: Division of Educational Reference, Purdue University. New forms each year.

1541. **Annual Pennsylvania Gregg Shorthand Contest.** Range: grades 11–12. Bloomsburg, Pa.: State Teachers College. New form each April.

1542. **Elementary Shorthand Test,** by C. A. Reed. Albany, N. Y.: New York State Education Department.

1543. **Rollinson Diagnostic Shorthand Tests,** by E. A. Rollinson. For students studying Gregg shorthand. New York: Gregg Publishing Co., 1924.

1544. **Power-Achievement Tests in Gregg Shorthand,** by E. A. Rollinson. Vocabulary, penmanship, dictation, and transcription tests. New York: Gregg Publishing Co., 1934.

1545. **Saphier-Smyth Stenographic Achievement Tests,** by C. J. Saphier and T. J. Smyth. For four semesters of shorthand. Ref: Smith, H. L., and Wright, W. W. Second revision of the bibliography of educational measurements. Bulletin of the School of Education, Indiana University, 1927, 4, No. 2.

Business Law, Commercial Arithmetic, Accounting, and General Tests

1546. **Rational Objective Tests in Applied Business Calculation,** by C. I. Blanchard. New York: Gregg Publishing Co., 1929.

1547. **Cody's Commercial Tests,** by S. Cody. Ref: Cody, S. Commercial tests and how to use them. Yonkers, N. Y.: World Book Co., 1920.

1548. **Diagnostic Tests and Rating Scales in Commercial Education.** Ref: Diagnostic testing and remedial teaching. Commercial Education Year Book, 1932, Vol. 2.

1549. **The New Burgess' Commercial Law Diagnostic Tests,** by J. H. Cox. Range: commercial law students. Chicago: Lyons and Carnahan, 1931.

1550. **Achievement Tests for General Business Training,** by E. H. Crabbe and C. D. Slinker. For use with the text "General Business Training" by E. H. Crabbe and C. D. Slinker, Third Edition. Cincinnati, Ohio: South-Western Publishing Co., 1932, 1936.

1551. **Dillavon-Greiner Business and Law Objective Tests,** by E. R. Dillavon and L. E. Greiner. Ref: Dillavon, E. R., and Greiner, L. E. Business and law. New York: McGraw-Hill Book Co., 1933.

1552. **Rational Objective Tests in Applied Business Calculation,** by Gregg Publishing Co. New York: Gregg Publishing Co.

1553. **Test of Secretarial Training,** by R. Hoadley. Ref: Hoadley, R. Testing teaching results in secretarial training. Journal of Business Education, 1930, 3, 25–29.

1554. **Objective Tests in Business Science,** by L. L. Jones. Based on "General Business Science" and the accompanying "Projects in Business Science." New York: Gregg Publishing Co., 1930, 1931.

1555. **Business Arithmetic: Every Pupil Scholarship Test,** by H. Bechtoldt. Range: high school. Emporia, Kansas: Kansas State Teachers College, Bureau of Educational Measurements. New form each year.

1556. **Kansas State Teachers College Scholarship Contest Commercial Law Test.** Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College, 1927.

1557. **Business Law Objective Tests,** by E. M. Kanzer and M. G. Ascher. For use with the text "Essentials of Business Law," by E. M. Kanzer and C. W. Gerstenberg. New York: Prentice-Hall, 1935.

1558. **Kinney Scales of Problems in Commercial Arithmetic,** by L. B. Kinney. Range: high school. Bloomington, Ill.: Public School Publishing Co., 1926.

1559. **A Test in Elementary Accounting,** by R. I. Lund. Range: high school and business college. Battle Creek, Mich.: Ellis Publishing Co.

1560. **McMackin-Marsh-Baten Diagnostic Tests in the Arithmetic of Business.** New York: Ginn and Co.

1561. **Ediphone Secretarial Course Test,** by E. J. McNamara. (For use with the Ediphone Machine.) Orange, N. J.: Thomas A. Edison, Inc., 1933.

1562. **High School Commercial Arithmetic Test: Manchester Semester-End Achievement Tests,** by L. G. Mitten, W. S. Barnhart, H. H. Hatcher, C. W.

Bagwell, E. S. Eyster, and J. E. Dotterer. Range: first and second semesters. North Manchester, Ind.: Bureau of Tests and Measurements, Manchester College, 1934–36.

1563. **Commercial Law Tests**, by L. Minich. Oklahoma City, Okla.: Harlow Publishing Co., 1930, 1931.

1564. **Commercial Arithmetic: New York State Business Education Contest Association**, by G. R. Tilford. Range: high school. Syracuse, N. Y.: G. R. Tilford, State Contest Manager, Syracuse University. New forms each year.

1565. **Commercial Law: New York State Business Education Contest Association**, by H. A. Andruss. Range: high school. Syracuse, N. Y.: G. R. Tilford, State Contest Manager, Syracuse University. New forms each spring.

1566. **Odell Minimum Essentials Test for Student Dictaphone Operators**, by C. W. Odell. New York: Dictaphone Sales Corporation, Educational Division, 420 Lexington Ave.

1567. **Parke Commercial Law Test**, by L. A. Parke. Range: an elementary course in commercial law. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College, 1933.

1568. **Annual Pennsylvania Business Arithmetic Contest.** Range: grades 11–12. Bloomsburg, Pa.: State Teachers College. New form each April.

1569. **Annual Pennsylvania Business Law Contest.** Range: grades 11–12. Bloomsburg, Pa.: State Teachers College. New form each April.

1570. **Commercial Law Achievement Tests**, by P. B. S. Peters, D. A. Pomeroy, and F. H. Green. For use with the text "Commercial Law, Third Edition," by P. B. S. Peters, D. A. Pomeroy, and F. H. Green. Cincinnati, Ohio: South-Western Publishing Co., 1934.

1571. **Tests in Business Mathematics**, by R. R. Rosenberg. For use with "Business Mathematics." Range: high school. New York: Gregg Publishing Co., 1936. Ref: Rosenberg, R. R. Teaching methods and testing materials in business mathematics. New York: Gregg Publishing Co., 1935.

1572. **Rational Objective Tests in Commercial Law**, by H. G. Shields. New York: Gregg Publishing Co., 1930.

1573. **General Business Training Test**, by J. R. Smith. Range: grade 9. Cincinnati, Ohio: South-Western Publishing Co., 1929.

1574. **Business Arithmetic Test**, by C. O. Thompson and F. W. Kroner. New York: Prentice-Hall, 1931.

1575. **Thompson Business Practice Test**, by T. M. Thompson. Range: courses in business practice. Yonkers, N. Y.: World Book Co., 1937.

1576. **Junior Business Training Achievement Test**, by M. Tully and W. Polishook. For use with "New Junior Business Training" by F. G. Nichols. Range: high school. New York: American Book Co., 1934.

1577. **Problems and Questions in Commercial Law**, by A. W. Welch. New York: Gregg Publishing Co., 1913, 1927.

1578. **Westin Commercial Law Achievement Test**, by D. Westin. Range: high school or college. Los Angeles, Calif.: Southern California School Book Depository, 1931.

1579. **Business Alpha**, by D. Fryer and L. Pruette. Brooklyn: Carlisle Press, 1922. (Not available.)

Typewriting

1580. **Blackstone Stenographic Proficiency Test—Typewriting Test**, by E. G. Blackstone and M. W. McLaughlin. Range: commercial schools or business institutions. Yonkers, N. Y.: World Book Co.

1581. **Clem Junior and Senior Typewriting Tests**, by J. E. Clem. Range: junior test for first year typewriting students; senior test for second year typewriting students. Bloomington, Ill.: Public School Publishing Co., 1931.

1582. **Denver Curriculum Test in Typewriting.** Range: grades 9–12. Denver, Colo.: Denver Public Schools, 1927.

1583. **Gronert Prognostic Test in Typewriting**, by M. L. Gronert. Also known as the Lynch Prognosis Tests. Range: high school. Ref: Gronert, M. L. A prognostic test in typewriting. JEdPs, 1925, 16, 182–185.

1584. **Tests in Typewriting**, by E. Hoke. Minneapolis, Minn.: Educational Test Bureau. Ref: Hoke, E. The improvement of speed and accuracy in typewriting. Johns Hopkins University Studies in Education, 1922, No. 7.

1585. **Typewriting Tests: State High School Tests for Indiana**, by M. E. Studebaker, B. M. Swinford, V. H. Carmichael, F. R. Botsford, and C. Puckett. Range: first, second, third and fourth semesters. Lafayette, Ind.: Division of Educational Reference, Purdue University, new forms each year.

1586. **Typewriting, First Year: Every Pupil Scholarship Test**, by A. Kauzer. Range: first and second semesters. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College. New forms each semester.

1587. **Kauzer Typewriting Tests**, by A. Kauzer and H. E. Schrammel. Range: first and second year typewriting. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College, 1930, 1934.

1588. **Kimball Contest Copy: Used in the Official Typewriting Contests**, by J. N. Kimball. Range: in-training and experienced typists. New York: Gregg Publishing Co.

1589. **Lessenberry Typewriting Tests**, by D. D. Lessenberry. Pittsburgh, Pa.: University of Pittsburgh.

1590. **Los Angeles City Typing Test.** Ref: Stedmann, M. B. Study of the possibility of prognosis of school success in typewriting. JApPs, 1929, 13, 505–515.

1591. **First Year High School Typewriting: Manchester Semester-End Achievement Tests**, by L. G. Mitten, W. S. Barnhart, H. H. Hatcher, C. W. Bagwell, R. Thompson, et al. Range: first and second semesters. North Manchester, Ind.: Bureau of Tests and Measurements, Manchester College. New form each semester.

1592. **Royal Society of Arts Typewriting Tests**, by A. E. Morton. Range: elementary, intermediate and advanced. London: Pitman, 1918.

1593. **Annual Pennsylvania State Typewriting Contest.** Range: grades 11–12. Bloomsburg, Pa.: State Teachers College. New form each April.

1594. **Rowe New-Type Typewriting Tests.** Range: first and second year high school. Baltimore, Md.: H. M. Rowe Co., 624 N. Gilmor St. Also, South Pasadena, Calif.: Commercial Textbook Co., 1934–1935.

1595. **Typewriting Diagnosis**, by C. D. Slinker. New York: Gregg Publishing Co., 1928.

1596. **Keyboard Tests, for L. C. Smith and Corona Typewriters.** Ref: Diagnostic testing and remedial teaching. Commercial Education Year Book, 1932, Vol. 2.

1597. **Stuart Objective Tests in Typewriting**, by E. R. Stuart. Range: end of first year. New York: Gregg Publishing Co., 1929.

1598. **Prognostic Tests for Learning Typewriting**, by W. W. Tuttle. Ref: Tuttle, W. W. The determination of ability for learning typewriting. JEdPs, 1923, 14, 177–181.

1599. **Student's Typewriting Tests.** New York: Typewriter Educational Research Bureau, 100 East 42nd St. Monthly tests issued free to schools.

The following items have incomplete references:

1600. **Miniature Typewriting Test.** Ref: Bennett, G. K. Differential aptitude prognosis. Unpublished dissertation, 1935, Yale Univ. Library.

1601. **Scale for Typing,** by E. G. Wiese and J. E. Coover. Ref: Bradford, L. Does typing ability depend on mentality or dexterity? JBusEd, 1930, 3, 23–24. See test 4263.

1602. **Underwood Typing Test.** Mentioned by Stedmann, M. B. Study of the possibility of school success in typewriting. JApPs, 1929, 13, 505–515.

Bookkeeping

1603. **Modern Bookkeeping Practice Objective Tests,** by N. Altholz and L. Braverman. Range: first and second year bookkeeping. Chicago: Lyons and Carnahan, 1929–1930.

1604. **Rational Objective Tests in Bookkeeping and Accounting.** Series A by A. G. Belding and R. T. Greene; Series B by D. T. Deal. New York: Gregg Publishing Co., 1928, 1929.

1605. **Philadelphia Standard Progressive Achievement Test in Bookkeeping,** by S. D. Birath. Range: high school. Philadelphia, Pa.: Philadelphia Public Schools.

1606. **Bookkeeping Achievement Test,** by C. E. Bowman. New York: American Book Co., 1929.

1607. **Breidenbaugh Bookkeeping Tests,** by V. E. Breidenbaugh. (Division I, Single Proprietorship.) Range: high school bookkeeping. Bloomington, Ill.: Public School Publishing Co., 1937.

1608. **Bookkeeping Tests,** by P. A. Carlson. For use with the text "20th Century Bookkeeping and Accounting," Seventeenth Edition, by J. W. Baker, A. LeR. Prickett, and P. A. Carlson. Cincinnati: South-Western Publishing Co., 1934–35.

1609. **Denver Curriculum Test in Bookkeeping I.** Range: grades 9–12. Denver, Colo.: Denver Public Schools, 1927.

1610. **Detroit Examinations in Bookkeeping,** by Department of Instructional Research, Detroit Public Schools. Range: high school. Detroit, Mich.: Public Schools, 1926. Ref: Ruch, G. M., and Rice, G. A. Specimen objective examinations. Chicago: Scott, Foresman and Co., 1931, 260–266.

1611. **Elwell-Fowlkes Bookkeeping Tests,** by F. H. Elwell and J. G. Fowlkes. Range: first and second semesters of bookkeeping. Yonkers, N. Y.: World Book Co., 1930–1935.

1612. **Elwell-Toner Bookkeeping Tests,** by F. H. Elwell and J. V. Toner. For chapters in "Bookkeeping and Accounting." Boston: Ginn and Co., 1929.

1613. **Bookkeeping Tests: State High School Tests for Indiana,** by M. E. Studebaker, B. M. Swinford, V. H. Carmichael, et al. Range: first and second year bookkeeping. Lafayette, Ind.: Division of Educational Reference, Purdue University. New form each year.

1614. **Bookkeeping Tests,** by J. H. Jackson, T. H. Sanders, and A. H. Sproul. Boston: Ginn and Co., 1926, 1932.

1615. **Bookkeeping: Every Pupil Scholarship Test.** Range: first and second semesters. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College. New forms each semester.

1616. **First Year High School Bookkeeping: Manchester Semester-End Achievement Tests,** by L. G. Mitten, W. S. Barnhart, H. H. Hatcher, C. W. Bagwell, R. Thompson, E. S. Eyster, et al. Range: first and second semesters. North Manchester, Ind.: Bureau of Tests and Measurements, Manchester College. New form each semester.

1617. **First and Second Year Bookkeeping: New York State Business Education Contest Association.** Range: tests for first and second year. Syracuse,

N. Y.: G. R. Tilford, State Contest Manager, Syracuse University. New forms each spring.

1618. **Annual Pennsylvania Bookkeeping Contest.** Range: two years of bookkeeping. Bloomsburg, Pa.: State Teachers College. New form each April.

1619. **Shemwell-Whitcraft Bookkeeping Test,** by E. C. Shemwell, J. E. Whitcraft, and H. E. Schrammel. Range: Test I, first semester; Test II, second semester. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College, 1937.

1620. **Bookkeeping Tests (Third Edition),** by W. H. Wythes. For use with the two volumes of the text "Bookkeeping Principles and Practice," by A. H. Rosenkrampff and W. C. Wallace. New York: Prentice-Hall, 1933–35.

ENGLISH APPRECIATION, LITERATURE AND GENERAL

See also: Vocabulary, pp. 61–63; Reading, pp. 144–154.

1621. **Exercises in the Appreciation of Poetry,** by A. Abbott and M. R. Trabue. Range: high school and college. New York: Bureau of Publications, Teachers College, Columbia University.

1622. **Objective Test on the Qualities of a Passage in Literature,** by A. F. Agard. Ref: Ruch, G. M. The objective or new type examination. Chicago: Scott, Foresman and Co., 1929.

1623. **Stanford American Literature Test,** by J. C. Almack and G. K. Benjamin. Cincinnati, Ohio: C. A. Gregory Co., 1932.

1624. **Stanford English Literature Test,** by J. C. Almack and G. K. Benjamin. Range: high school, normal school, and junior college. Cincinnati, Ohio: C. A. Gregory Co., 1929.

1625. **Aly Placement Test in English for College Freshmen,** by B. Aly. Range: high school seniors and college freshmen. Cape Girardeau, Mo.: B. Aly, Southeast Missouri State Teachers College, 1926.

1626. **Barrett-Ryan English Test for Grades 7–12 and College,** by E. R. Barrett, T. M. Ryan, and H. E. Schrammel. Range: grades 7–12 and college. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College, 1934. Revised form, 1938. Yonkers, N. Y.: World Book Co.

1627. **Barrett-Ryan Literature Test,** by E. R. Barrett, T. M. Ryan, and H. E. Schrammel. Range: high school and college. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College, 1926.

1628. **Literature Appreciation Tests,** edited by H. H. Bixler. Treasure Island, Merchant of Venice, Macbeth, As You Like It, Silas Marner, House of Seven Gables. Range: high school classes in literature. Atlanta, Ga.: Turner E. Smith and Co., 1936.

1629. **Tests to Accompany Differentiated Study Guides in English,** by M. I. Bright, D. M. Wilson, C. M. Everhart, et al. Edited by G. A. Yoakam. Range: high school. Minneapolis, Minn.: Educational Test Bureau.

1630. **Stanford Tests of Comprehension of Literature,** by M. C. Burch. Range: grades 7–12. Stanford University, Calif.: Stanford University Press, 1929.

1631. **Northumberland Standardized Tests, II, English,** by C. Burt. Range: ages 7–14. London: University of London Press, 1925.

1632. **Objective Tests in American Literature,** by H. Call. Range: grades 9–12. Boston: Palmer Co., 1931.

1633. **Test of Appreciation of Style,** by A. Cannon. Ref: Cannon, A. Testing the appreciation of style. English Journal, 1937, 26, 648–654.

1634. **Tests of Literary Qualities,** by M. F. Carpenter. Ref: Ruch, G. M. Improvement of the written examination. Chicago: Scott, Foresman and Co., 1925, 86–92.

1635. **Carroll Prose Appreciation Tests**, by H. A. Carroll. Range: separate forms for junior high school, senior high school, and college. Minneapolis, Minn.: Educational Test Bureau, 1932. Ref: Carroll, H. A. A test for prose appreciation. JEdPs, 1932, 23, 402–410.

1636. **Cavins' Tests in American Poetry**, by L. V. Cavins. Range: grades 5–9. Bloomington, Ill.: Public School Publishing Co., 1927.

1637. **Cooperative Literary Acquaintance Test**, by F. S. Beers, D. G. Paterson, and G. B. Shepley. Range: high school and college. New York: Cooperative Test Service. New form each year.

1638. **Cooperative Literary Comprehension Test**, by M. F. Carpenter and E. F. Lindquist. Range: grades 9–14. New York: Cooperative Test Service. New form each year.

1639. **Tests on Literature**, by N. G. Coryell. Ref: Coryell, N. G. An evaluation of extensive and intensive teaching of literature. A year's experiment in the eleventh grade. New York: Bureau of Publications, Teachers College, Columbia University, 1927 (Appendix C, pp. 183–201).

1640. **Achievement of Secondary School Pupils in Twelve Classics in Literature**, by E. M. Crawford. Ref: Crawford, E. M. Achievement of secondary school pupils in twelve classics in literature. Bloomington, Ind.: Doctor's Thesis, Indiana University, 1932.

1641. **Test of Ability to Make Topical Outlines**, by H. F. Daringer. Ref: Daringer, H. F. An objective test of ability to make topical outlines. JEdPs, 1929, 20, 112–118.

1642. **De Breuil Tests in Literature and Formal English**, by A. De Breuil. Ref: Urbana, Ill.: Bulletin of Illinois Association of Teachers of English, University of Illinois, May 1, 1923.

1643. **Denver Curriculum Test in Literature and Comprehension.** Range: junior high school. Denver, Colo.: Public Schools, 1926.

1644. **Detroit English 7 Examination.** Range: high school. Detroit: Public Schools, 1926, 1927.

1645. **Eaton Self-Correcting Literature Tests**, by H. T. Eaton. Range: high school.
   a. No. 1. "Macbeth."
   b. No. 2. "The Merchant of Venice."
   c. No. 3. "Julius Caesar."
   d. No. 4. "A Tale of Two Cities."

   Boston, Mass.: The Palmer Co., 1928–1934.

1646. **English: Every Pupil Tests**—grades 3–6 test by A. Barger, T. Baldwin, B. Hamilton, M. Ogden, M. Murphy, C. Kesler, L. Butler, and W. Roush; grades 7–12 test by H. Skinner, M. Stark, M. Reed, D. Scarborough, and L. Butler. Range: grades 3–6, 7–12. Columbus, Ohio: Ohio Scholarship Tests, Department of Education, State of Ohio, 1935.

1647. **Language Arts Survey Test: Every Pupil Test**, by E. Dale and V. Weedon. Range: grades 4–7, 8–12. Columbus, Ohio: Ohio Scholarship Tests, Department of Education, State of Ohio, 1935.

1648. **American Literature Tests**, by J. Gehlman. To accompany "Adventures in American Literature." Range: high school students of American literature. New York: Harcourt, Brace and Co., 1931, 1936.

1649. **George Washington University English Literature Test**, by K. T. Omwake, R. E. Schwarz, and M. M. Ronning. Range: grade 12 and college. Washington, D. C.: Center for Psychological Service, 1927.

1650. **Hadsell-Wells Objective Tests on English and American Classics**, by S. R. Hadsell and G. C. Wells. Range: high school. Oklahoma City, Okla.: Harlow Publishing Co., 1926.

1651. **Tests on English Classics**, by B. M. Hahn. Range: high school. Test on Scott's "The Lady of the Lake," Shakespeare's "Julius Caesar," Stevenson's "Treasure Island." Boston: Houghton Mifflin Co., 1933.

1652. **Readings in English: Comprehensive Objective Tests in High School Subjects,** (tests 1–50 and 124), by A. Gill; (tests 51–52 and 103–123) by E. A. Larm and C. W. Odell; edited by G. C. Wells. Oklahoma City, Okla.: Harlow Publishing Co., 1932–33.

1653. **Exercises and Tests on English Classics,** by M. L. Harris. Range: first and second year high school English. Boston: Ginn and Co., 1928.

1654. **Test to Measure Comprehension of Meaning in Poetic Form,** by H. W. Hartley. Ref: Hartley, H. W. Tests of the interpretative reading of poetry for teachers of English. TCConEd, 1930, No. 433.

1655. **Test of Meter-Sense in Poetry,** by T. H. Howells and A. A. Johnson. Ref: Howells, T. H., and Johnson, A. A. A study of meter-sense in poetry. JApPs, 1931, 15, 539–554.

1656. **English: Understanding and Appreciation of Poetry: State High School Tests for Indiana,** by G. S. Wykoff. Range: grades 9–12. Lafayette, Ind.: Division of Educational Reference, Purdue University. New form each year.

1657. **Literature Tests to Accompany "Adventures in Prose and Poetry,"** by R. B. Inglis. New York: Harcourt, Brace and Co., 1930.

1658. **Iowa Every-Pupil Tests of Reading Comprehension in Literature, American and English Literature,** by M. F. Carpenter, et al. Range: high school. Iowa City: Bureau of Educational Research and Service, State University of Iowa. New form each year. Ref: Carpenter, M. F. Subject matter circular in English and American literature. Fourth Annual Iowa Academic Contest. Iowa City: State University of Iowa, 1932.

1659. **Irion Literary Comprehension Tests,** by T. W. H. Irion. Range: high school and college. Ref: Irion, T. W. H. The comprehension difficulties of 9th grade students in the study of literature. TCConEd, 1925, No. 189.

1660. **Tentative Scale for Rating Literary Juvenilia,** by D. W. Jensen. Ref: Terman, L. M., Editor. Genetic studies of genius, Volume III. Stanford University, Calif.: Stanford University Press, 1930, 361–398.

1661. **History of American Literature Tests,** by K. E. Jessup. Range: grade 9–12. Oklahoma City, Okla.: Harlow Publishing Co., 1931, 1932.

1662. **History of English Literature Tests,** by K. E. Jessup. Range: grade 9–12. Oklahoma City, Okla.: Harlow Publishing Co., 1931.

1663. **Analytical Scales of Attainment in Literature,** by A. M. Jordan and M. J. Van Wagenen. Range: Division 3, grades 7–8; Division 4, grade 9. Minneapolis, Minn.: Educational Test Bureau, 1932.

1664. **Every Pupil Scholarship Contest Literature Test.** Emporia, Kansas: Kansas State Teachers College. New form each year.

1665. **Tests for Appreciation of Poetry,** by K. B. Leopold. Ref: Leopold, K. B. The effect of creative work on aesthetic appreciation: an experiment in teaching poetry. BrJEdPs, 1933, 3, 42–64.

1666. **Literary Background Tests,** by C. T. Logan and C. B. Parks. Range: grades 11–13. Boston: D. C. Heath and Co., 1930.

1667. **Logasa-Wright Tests for the Appreciation of Literature,** by H. Logasa and M. M. Wright. Range: grades 9–12, and college. Bloomington, Ill.: Public School Publishing Co., 1926.

1668. **Lothian English Tests: Vocabulary and Comprehension,** by the Research Committee, West Lothian Branch of the Educational Institute of Scotland. Range: age 11 to adult. London: George G. Harrap Co., 1933.

1669. **American Literature: Manchester Semester-End Achievement Tests.** Range: second semester high school. North Manchester, Ind.: Bureau of Tests and Measurements, Manchester College. New forms each year.

1670. **English Literature: Manchester Semester-End Achievement Tests.** Range: second semester high school. North Manchester, Ind.: Bureau of Tests and Measurements, Manchester College. New forms each year.

1671. **Plymouth Educational Tests, No. 130A, English Fiction Characters, Names of Works,** by J. E. McDade. Range: grades 7 and 8. Chicago: Plymouth Press.

1672. **Plymouth Educational Tests, No. 132A, World Literature, Works, Authors,** by J. E. McDade. Range: grades 7 and 8. Chicago: Plymouth Press, 1918.

1673. **Moe Book Tests,** by M. W. Moe. Range: grades 7 through college. Wauwatosa, Wisconsin: Kenyon Press Publishing Co., 1927.

1674. **Literature Test: National Achievement Tests,** by R. K. Speer and S. Smith. Range: grades 7–12. Rockville Center, L. I.: Acorn Publishing Co., 1936. Experimental Edition.

1675. **Odell Scales for Rating Pupils' Answers to Nine Types of Thought Questions in English Literature,** by C. W. Odell. Range: junior and senior high school. Urbana, Ill.: Bureau of Educational Research, University of Illinois, 1927.

1676. **Measuring the Appreciation of Literature,** by R. C. Pooley. Ref: Pooley, R. C. Measuring the appreciation of literature. EngJ, 1935, 24, 627–633.

1677. **English Survey Test: Senior Survey Tests,** by S. L. Pressey. Range: grade 12. Columbus, Ohio: Ohio Scholarship Tests, Department of Education, State of Ohio, 1934–35.

1678. **American and English Literature: Every Pupil Tests,** by F. H. Prouty and R. A. Foster. Range: grades 9–12. Columbus, Ohio: Ohio Scholarship Tests, Department of Education, State of Ohio, 1935.

1679. **Measuring Appreciation of Poetry,** by H. H. Remmers and J. E. Hadley. Ref: Bulletin of Purdue University, Studies in Higher Education, XXXI, "Further Studies in Attitudes, Series 2," pp. 52–54, 227–237.

1680. **Objective Tests in English,** edited by G. A. Rice. Range: high school. (Based on different classics.) Atlanta, Ga.: Turner E. Smith and Co., 1930–1934.

1681. **Poetry Appreciation,** by I. A. Richards. Ref: Richards, I. A. Practical criticism. (Appendix.) New York: Harcourt, Brace and Co., 1929.

1682. **Rigg Poetry Test,** by M. Rigg. Stillwater, Okla.: Oklahoma Agricultural and Mechanical College. Ref: Rigg, M. The relationship between discrimination in music and discrimination in poetry. JEdPs, February, 1937, 149-152.

1683. **Bucknell Cumulative English Tests,** by H. W. Robbins. Lewisburg, Pa.: Lewisburg Print Shop, 1933–37. Ref: Educational Record, May, 1936.

1684. **Bucknell Placement Test in English,** by H. W. Robbins. Range: freshmen in college. Lewisburg, Pa.: University Print Shop, 1927.

1685. **Accomplishment Tests in Literature,** by J. D. Sallee. Range: junior and senior high school. Chicago: Lyons and Carnahan, 1931–1932.

1686. **Satterfield Objective Tests in English,** by M. S. Satterfield, S. Royster, E. Schaedel, E. A. Carney and W. F. Melton. Range: grades 8–12. Atlanta, Ga.: Smith, Hammond and Co., 1926.

1687. **English Classification Test,** by R. D. Scott, A. A. Reed, and C. C. Weidemann. Range: for high schools and colleges. Emporia, Kansas: Kansas State Teachers College

1688. **English Placement Test,** by L. K. Shumaker, and sponsored by the Inland Empire Council of Teachers of English. Range: entering college freshmen. Eugene, Oregon: English Bureau, University of Oregon, 1935. Ref: Shumaker, L. K. A predictive measure for estimating success in English composition at the college level. Eugene, Oregon: Unpublished Master's Thesis, University of Oregon, 1932. Also: Shumaker, L. K. The prediction of success in college composition. Washington, D. C.: Office of Education Bulletin, No. 12, 1931.

1689. **Test of Recognition of Merit in Poetry,** by R. K. Speer. Ref: Speer, R. K. Measurement of appreciation in poetry, prose, and art, and studies in appreciation. TCConEd, 1929, No. 362.

1690. **Objective English Scholarship Examination**, by J. M. Stalnaker. Ref: Stalnaker, J. M. Objective English scholarship examination. SchSoc, 1934, 40, 701–740.

1691. **Stanford Tests for Junior Colleges: Test in English**, by W. C. Eells, D. Segel, F. Carpenter, E. W. Hiatt, and R. R. Johnston. Range: grades 13–14. Stanford University, Calif.: Stanford University Press, 1932.

1692. **Tests of Poetic Talent**, by D. Stumberg. Ref: Stumberg, D. A study of poetic talent. JExPs, 1928, 11, 219–233.

1693. **North Carolina Exercises in Judging English Prose**, by M. R. Trabue. Range: grammar grades through college. Ref: Trabue, M. R. A new English prose test. High School Journal, 1923, 6, 188–190; 214–219.

1694. **Literary Appreciation Test**, by B. Trager. Ref: Trager, B. Testing objectively for literary appreciation. University High School Journal, 1932, 5, 79–92.

1695. **Ullman-Clark Test on Classical References and Allusions**, by B. L. Ullman and G. W. Clark. Range: grades 8–12. Iowa City: Bureau of Educational Research and Service, State University of Iowa, 1928.

1696. **English Classics: Multiple-Purpose Objective Tests in High School Subjects**, by J. M. Walsh, M. A. Wilson, and edited by C. W. Odell. (Based on different classics.) Oklahoma City, Okla.: Webb-Duncan Publishing Co., 1933–34.

1697. **Final Tests in English: Comprehensive Objective Tests for Fifth, Sixth, and Seventh Grade Pupils in Texas**, by J. J. Wilson and A. L. Long. Range: tests for grades 5, 6, and 7. Oklahoma City, Okla.: Harlow Publishing Co., 1933.

See also addenda, Test 4217.

The following items have incomplete references or are not available:

1698. **Abbott-Trabue's Scales for Judging Poetry**, by A. Abbott and M. R. Trabue. Range: grades 7–12, and college. New York: Bureau of Publications, Teachers College, Columbia University, 1921. (Not available.)

1699. **American Literature Test**, by H. D. Rinsland and A. L. Kerbow. Range: grades 11 and 12. Norman, Okla.: Bureau of Educational Research, University of Oklahoma, 1925. (Not available.)

1700. **Tests of Books, Authors, and Types of Literature**, by Bureau of Public Personnel Administration. Washington, D. C.: Bureau of Public Personnel Administration. (Out of print.)

1701. **Barthelmess Test for Determining the Achievement of Pupils in Letter Writing**, by H. M. Barthelmess. Boston, Mass.: Board of Education. (Out of print.)

1702. **Courtis Standard Research Tests in English Organization**, by S. A. Courtis. Range: grades 3–12. Detroit: S. A. Courtis, 1918. (Not available.)

1703. **Brown University English Test**, by Hastings, K. O. Mason, et al. Range: college freshmen. 1925. Ref: Smith, H. L., and Wright, W. W. Second revision of the bibliography of educational measurements. Bulletin of the School of Education, Indiana University, 1927, 4, No. 2.

1704. **High School Dramatics Test**, by M. Edwards. Ref: Ruch, G. M., and Rice, G. A. Specimen objective examinations. Chicago: Scott, Foresman and Co., 1931, 52–62.

ENGLISH FUNDAMENTALS, LANGUAGE USAGE AND GRAMMAR

1705. **Los Angeles Diagnostic Tests: Language**, by C. Armstrong. Range: grades 3–9. Los Angeles, Calif.: Southern California School Book Depository, 1927.

1706. **First and Second Year Grammar and Composition: Comprehensive Objective Tests in High School Subjects**, by H. B. Barnard and edited by G. C.

Wells. Range: grades 9 and 10. Oklahoma City, Okla.: Harlow Publishing Co., 1931–34.

1707. **Barrett-Ryan English Test**, by E. R. Barrett, T. M. Ryan, and E. R. Wood. Range: grades 7–12 and college freshmen. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College, 1927.

1708. **Standardized Tests of Ability to Use Correst English**, by J. E. Bathurst and others. Chicago: Bureau of Public Personnel Administration, 1929. Ref: Standardized tests of ability to use correct English. PubPerS, 1928, 6, 241-250.

1709. **Boston Test in Accurate Copying.** Range: grade 8. Boston, Mass.: Boston Public Schools, 1916.

1710. **Purdue Diagnostic English Tests**, by G. C. Brandenburg and J. M. Stalnaker. Range: grades 6–12. Includes tests of punctuation, grammar, choice of words, spelling, vocabulary, and reading (informational and descriptive). Lafayette, Ind.: Lafayette Printing Co., 1919, 1928.

1711. **Brezler Test of Ability to Detect Errors in English**, by A. Brezler. Range: grades 3–6. Minneapolis, Minn.: Research Bureau, Minneapolis Public Schools, 1924.

1712. **Buckingham English Grammar Test**, by B. R. Buckingham. Range: grades 7–8. Ref: Seventeenth Annual Report of Schools, City of New York, 1914–15. Also: Smith, H. L., and Wright, W. W. Second revision of the bibliography of educational measurements. Bulletin of the School of Education, Indiana University, 1927, 4, No. 2.

1713. **Diagnostic Survey Test in English Fundamentals**, by J. H. Campbell and W. S. Guiler. Range: grades 7–13. Hamilton, Ohio: Hill-Brown Publishing Co., 1932.

1714. **Diagnostic Tests, Drill, Mastery Tests**, by L. Chapman. Ref: Chapman, L. Using English. New York: Harcourt, Brace and Co., 1929.

1715. **Clapp-Young Self-Marking English Tests**, by F. L. Clapp and R. V. Young. Range: grades 5–12. Boston: Houghton Mifflin Co., 1930. Madison, Wis.: Lakeland Publishing Co., 1927.

1716. **Clapp Test for Correct English**, by F. L. Clapp. Range: grades 5–12. Boston: Houghton Mifflin Co., 1922, 1930.

1717. **Columbia Research Bureau English Test**, by H. R. Steeves, A. Abbott, and B. D. Wood. Range: high school and college. Yonkers, N. Y.: World Book Co., 1926.

1718. **Cooperative English Tests**, by S. A. Leonard, V. A. C. Henmon, M. H. Willing, M. F. Carpenter, E. F. Lindquist, W. W. Cook, D. G. Paterson, F. S. Beers, G. Spaulding. Part I, English Usage, Part II, Spelling, Part III, Vocabulary. Range: high school and college. New York: Cooperative Test Service, 1937. (Earlier English Tests, Series 1 and 2 also available.) Ref: Carpenter, M. F. Subject matter circular in English correctness. Iowa City, Iowa: Bureau of Educational Research and Service, State University of Iowa, 1932.

1719. **Cram Punctuation Scale for Use in Iowa**, by F. D. Cram. Cedar Falls, Iowa: F. D. Cram, Iowa State Teachers College.

1720. **Cross English Test**, by E. A. Cross. Range: high school and college freshmen. Yonkers, N. Y.: World Book Co., 1923.

1721. **Cross-Pooley English Test**, by E. A. Cross and R. C. Pooley. Experimental edition. Greeley, Colo.: Colorado State Teachers College, 1928.

1722. **Tests in English Fundamentals**, by R. Davis. Range: high school. Boston: Ginn and Co., 1929.

1723. **Davis-Schrammel Elementary English Test**, by V. Davis and H. E. Schrammel. Range: grades 4–8. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College, 1934.

1724. **English: Every Pupil Scholarship Test,** by V. Davis. Range: grades 4–8. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College. New forms each semester.

1725. **Denver Curriculum Tests in English.** Range: grades 7–10. Denver, Colo.: Denver Public Schools, 1925–1927.

1726. **English 6 Examination,** by Department of Instructional Research, Detroit Public Schools. Ref: Ruch, G. M., and Rice, G. A. Specimen objective examinations. Chicago: Scott, Foresman and Co., 1931, 41–52.

1727. **English I, Final Examination,** by Department of Instructional Research, Detroit Public Schools. Ref: Ruch, G. M., and Rice, G. A. Specimen objective examinations. Chicago: Scott, Foresman and Co., 1931, 62–69.

1728. **Diagnostic Accomplishment Tests in English,** by H. T. Eaton. Range: grades 7–12. Boston: The Palmer Co, 1928.

1729. **Franseen Diagnostic Tests in Language,** by C. E. Franseen. Range: grades 3–8. Cincinnati, Ohio: C. A. Gregory Co., 1924.

1730. **Ginsberg-Inglis English Essentials Test,** by A. Ginsberg and R. B. Inglis. Range: grades 7–12. Minneapolis, Minn.: University Printing Co., 1927, revised 1934.

1731. **Gregory Language and Grammar Test,** by C. A. Gregory. Ref: Gregory, C. A. The efficiency of Oregon children in the tool subjects as shown by standard tests. Eugene, Oregon: University of Oregon Publications, 1919, 1, No. 1.

1732. **Gregory Diagnostic Tests in Language,** by H. Gregory and C. A. Gregory. Range: grades 4–9. Cincinnati, Ohio: C. A. Gregory Co., 1935.

1733. **Guiler Diagnostic Test in Capitalization,** by W. S. Guiler. Range: grade 3 through college. Chicago: Rand McNally and Co., 1927.

1734. **Guiler Diagnostic Test in Punctuation,** by W. S. Guiler. Range: grade 3 through college. Chicago: Rand McNally and Co., 1926.

1735. **Diagnostic Tests and Re-tests,** by W. S. Guiler and R. L. Henry. Designed to accompany "Remedial English." Range: high school and first year college. Boston: Ginn and Co., 1931.

1736. **Tests to Accompany "English Exercises and Tests,"** by W. B. Guitteau. Range: grades 3–11. Richmond, Va.: Johnson Publishing Co., 1931.

1737. **Minnesota Tests in English Grammar,** by M. E. Haggerty. Minneapolis, Minn.: Bureau of Cooperative Research, University of Minnesota.

1738. **Iowa Elementary Language Tests,** by H. A. Greene and H. L. Ballenger. Range: grades 4–9. Minneapolis, Minn.: Educational Test Bureau, 1929.

1739. **Iowa Basic Skills Language Tests,** by H. A. Greene and R. Netzer. Iowa City: University of Iowa, 1935.

1740. **Every-Pupil Test in English Correctness: Iowa Every-Pupil Testing Program,** by M. F. Carpenter. Range: grades 7–12. Iowa City: Bureau of Educational Research and Service, State University of Iowa. New form each year. Ref: Carpenter, M. F. The every-pupil tests in English. Supplement to University of Iowa Bulletin, New Series, No. 716. Iowa City: University of Iowa, 1933.

1741. **Iowa Every Pupil Academic Contest Examination in English Mechanics.** Range: grades 9 and 10. Iowa City: State University of Iowa, 1929.

1742. **Iowa Grammar Information Test,** by H. A. Greene and F. D. Cram. Range: grades 7–12. Iowa City: Bureau of Educational Research and Service, State University of Iowa, 1935.

1743. **Iowa Primary Language Test,** by L. A. Shepard and H. A. Greene. Range: grades 1–3. Iowa City: Bureau of Educational Research and Service, University of Iowa, 1936.

1744. **New Stanford Language Usage Test,** by T. L. Kelley, G. M. Ruch, and L. M. Terman. Range: grades 4–8. Yonkers, N. Y.: World Book Co.

1745. **Chicago Supervisory Tests: Capitalization and Punctuation,** by E. E. Keener. Range: grades 5–8. Ref: Smith, H. L., and Wright, W. W. Second revision of the bibliography of educational measurements. Bulletin of the School of Education, Indiana University, 1927, 4, No. 2.

1746. **Chicago Supervisory Tests: Language Usage,** by E. E. Keener. Range: grades 5–8. Ref: Smith, H. L., and Wright, W. W. Second revision of the bibliography of educational measurements. Bulletin of the School of Education, Indiana University, 1927, 4, No. 2.

1747. **Kirby Grammar Test,** by T. J. Kirby. Range: grades 7–12. Iowa City: Bureau of Educational Research and Service, State University of Iowa, 1920.

1748. **Second-Year Grammar and Composition: Comprehensive Tests in High School Subjects,** by M. F. Lawson; edited by G. C. Wells. Oklahoma City, Okla.: Harlow Publishing Co., 1930–34.

1749. **Progress Language Form Test,** by M. C. Lefler, T. V. Goodrich, M. M. Beattie, and C. McPhee. Range: grades 3–8. Chicago: University Publishing Co., 1927.

1750. **Leonard Diagnostic Test in Punctuation and Capitalization,** by J. P. Leonard. Range: grades 5–12. Yonkers, N. Y.: World Book Co., 1930.

1751. **Wisconsin Sentence Recognition and Grammatical Correctness Tests,** by S. A. Leonard. Range: grades 7–12. Madison, Wisc.: University of Wisconsin, 1923.

1752. **Plymouth Language-Grammar Test,** by J. E. McDade. Range: grades 5–12. Chicago: Plymouth Press, 1924.

1753. **Plymouth Educational Tests—Grammar, Punctuation, No. 40A,** by J. E. McDade. Range: grades 4–8. Chicago: Plymouth Press, 1920.

1754. **Plymouth Educational Tests, No. 121A, Analogies,** by J. E. McDade. Range: grades 5–8. Chicago: Plymouth Press.

1755. **Purdue Placement Test in English,** by J. H. McKee, G. S. Wykoff, and H. H. Remmers. Range: high school seniors and college freshmen. Boston: Houghton Mifflin Co., 1931.

1756. **High School English Fundamentals Tests: Manchester Semester-End Achievements Tests,** by F. R. Conkling, R. Barwick, O. Little, H. O. Makey, S. L. Pressey, S. Stevens, et al. Range: tests for grades 9, 10, 11, 12. North Manchester, Ind.: Bureau of Tests and Measurements, Manchester College. New form each year.

1757. **Moe Essentials Test,** by M. W. Moe. Range: grade 6 through college. Wauwatosa, Wisc.: Kenyon Press, 1927.

1758. **Exercises and Tests in English,** by S. M. Mullen and M. Lanz. Boston: Ginn and Co., 1928.

1759. **English Test: National Achievement Tests,** by R. K. Speer and S. Smith. Range: grades 3–8, 7–12. Rockville Center, L. I.: Acorn Publishing Co., 1936. Experimental Edition.

1760. **Nelson High School English Test,** by M. J. Nelson. Boston: Houghton Mifflin Co., 1931.

1761. **New York English Survey Tests,** by E. L. Cornell, W. W. Coxe, J. S. Orleans and E. B. Richards. Range: grades 4–8. Bloomington, Ill.: Public School Publishing Co., 1925.

1762. **Oklahoma College Placement Test in English.** Reading, spelling, composition and handwriting. Norman, Okla.: Department of Educational Cooperation, University of Oklahoma. Ref: Kinder, J. S., and Odell, C. W. Educational tests for use in institutions of higher learning. University of Illinois Bulletin, 1930, 27, 30.

1763. **Survey Tests of English Usage,** by L. J. O'Rourke. Range: grades 3–6, 7–13. Washington, D. C.: Psychological Institute, 1933. Ref: O'Rourke, L. J.

Rebuilding the English usage curriculum to insure greater mastery of essentials. Washington, D. C.: Psychological Institute, 1934.

1764. **Pressey Diagnostic Tests in English Composition,** by S. L. Pressey, L. C. Pressey, F. R. Conkling, E. V. Bowers, H. Ruhlen, and B. Pearce. Range: grades 7–12. Includes Capitalization Test, Punctuation Test, Grammar Test, and Sentence Structure Test. Bloomington, Ill.: Public School Publishing Co., 1923.

1765. **Pribble-McCrory Diagnostic Tests in Practical English Grammar,** by E. E. Pribble and J. R. McCrory. Range: Test I, grades 7–8; Test II, high school and college. Chicago: Lyons and Carnahan, 1928, 1929.

1766. **Pribble-McCrory Elementary Language Tests,** by E. E. Pribble and J. R. McCrory. Range: grades 3–6. Chicago: Lyons and Carnahan, 1930.

1767. **Providence Inventory Tests—Language Usage.** Range: grades 4–12. Providence, R. I.: Providence Public Schools.

1768. **Public School Achievement Test in Grammar,** by J. S. Orleans and T. L. Torgerson. Range: grades 6–8. Bloomington, Ill.: Public School Publishing Co.

1769. **Public School Achievement Test in Language Usage,** by J. S. Orleans and T. L. Torgerson. Range: grades 3–8. Bloomington, Ill.: Public School Publishing Co.

1770. **Rinsland-Beck Natural Tests of English Usage,** by H. D. Rinsland and R. L. Beck. (Mechanics, Grammar and Rhetoric.) Range: grades 9–12, and college freshmen. Bloomington, Ill.: Public School Publishing Co., 1934. Ref: Beck, R. L. A natural test of English usage. JExEd, 1933, 1, 280–286.

1771. **Rock Island, Illinois, High School Formal Grammar Test.** Ref: Sixth Yearbook of the National Association of Secondary School Principals, 1922, 69–75.

1772. **Diagnostic Tests in English,** by F. J. Schonell. Ref: Schonell, F. J. Diagnostic tests in English. London: Yearbook of Education, Evans Brothers, 1935, Chapter 9, 503–508.

1773. **English Classification Tests,** by R. D. Scott, A. A. Reed, and C. C. Weidemann. Range: high school and college. Lincoln, Nebraska: Bureau of Educational Reference and Research, Extension Division, University of Nebraska, 1929.

1774. **Schutte English Diction Test,** by M. H. Schutte. Range: high school and college. Bloomington, Ill.: Public School Publishing Co., 1926.

1775. **Shepherd English Test,** by J. W. Shepherd. Range: college freshmen. Boston: Houghton Mifflin Co., 1932.

1776. **Achievement Tests for English Grammar,** by K. Smith, E. B. Magee, and S. S. Seward. Range: first and second year high school, business school and normal school. Boston: Ginn and Co., 1930.

1777. **A Wordiness Test for Higher Levels,** by J. M. Stalnaker. Ref: Stalnaker, J. M. A wordiness test for higher levels. English Journal (College Edition), 1932, 21, 834–837.

1778. **Placement Test in English for College Students,** by H. R. Steeves. New York: Columbia University, 1924.

1779. **Cleveland English Composition and Grammar Test,** by C. Stratton, W. L. Connor, and F. A. Redmond. Range: grades 7–12. Boston: Houghton Mifflin Co., 1932.

1780. **Thompson's Research Tests,** by T. E. Thompson. Monrovia, Calif.: T. E. Thompson.

1781. **Progressive Language Tests,** by E. W. Tiegs and W. W. Clark. Range: Primary Battery: grades 1–3; Elementary Battery, grades 4–6; Intermediate Battery: grades 7–9; Advanced Battery: grades 9–13. Primary and elementary batteries are available in Spanish editions. Hollywood, Calif.: Southern California School Book Depository, 1934.

1782. **Trabue, Kelley and Spivak Language Completion Test,** by M. R. Trabue, T. L. Kelley and Spivak. Chicago: C. H. Stoelting Co.

1783. **Tressler English Minimum Essentials Test,** by J. C. Tressler. Range: grades 8–12. Bloomington, Ill.: Public School Publishing Co., 1924.

1784. **Diagnostic Objective Test—Correct English Usage,** by J. M. Walsh and A. K. Walsh. Oklahoma City, Okla.: Harlow Publishing Co., 1930.

1785. **Wakefield Diagnostic English Test,** by E. Wakefield. Range: grades 9–12. Cincinnati, Ohio: C. A. Gregory Co.

1786. **English Grammar and Composition: Multiple-Purpose Objective Tests in High School Subjects,** by A. K. Walsh, J. M. Walsh, and edited by C. W. Odell. Oklahoma City, Okla.: Webb-Duncan Publishing Co., 1932.

1787. **Final Accomplishments Objective Tests—Correct English Usage,** by J. M. Walsh and A. K. Walsh. Oklahoma City, Okla.: Harlow Publishing Co., 1930.

1788. **Oral Grammar Tests, Alpha and Beta,** by E. H. Webster. Ref: Webster, E. H. Oral tests for correct English. Yonkers, N. Y.: World Book Co., 1931.

1789. **English Usage: Comprehensive Tests in High School Subjects,** by G. C. Wells. Oklahoma City, Okla.: Harlow Publishing Co., 1931–32.

1790. **Wilson Language Error Test,** by G. M. Wilson. Range: grades 3–12. Yonkers, N. Y.: World Book Co., 1923.

1791. **Wisconsin Language Usage Test,** by Bureau of Records and Guidance and the Department of English, University of Wisconsin; edited by T. L. Torgerson for the Wisconsin Achievement Testing Program. Range: grades 9–12. Milwaukee, Wisc.: E. M. Hale and Co., 1935, 1936.

1792. **Witham's Grammar Tests,** by E. C. Witham. Range: grades 6–8. Newark, N. J.: J. L. Hammett Co., 1924, 1926.

1793. **Tests for "Drills in English,"** by G. B. Woods and C. Stratton. Garden City, N. Y.: Doubleday, Doran and Co., 1931.

1794. **Topical English Achievement Test,** by E. A. Woodward. For non-English speaking women working at home. Albany, N. Y.: State Teachers College, 1923.

The following items have incomplete references or are not available:

1795. **Carr's English Vocabulary Test,** by W. L. Carr. Range: grades 7–12. Ref: Woody, C. First year tests in English in the high schools of Michigan. Bureau of Educational Reference and Research Bulletin, 1923, No. 55. (Not available.)

1796. **Charters' Diagnostic Grammar Test,** by W. W. Charters. Range: grades 7 and 8. Bloomington, Ill.: Public School Publishing Co., 1922. (Not available.)

1797. **Charters' Diagnostic Language Test,** by W. W. Charters. Range: grades 2–12. Bloomington, Ill.: Public School Publishing Co., 1918, 1922. (Not available.)

1798. **Clemens' Grammar Test,** by A. H. Clemens. Listed by Smith, H. L., and Wright, W. W. Second revision of the bibliography of educational measurements. Bulletin of the School of Education, Indiana University, 1927, 4, No. 2.

1799. **Clemens' Punctuation Test,** by A. H. Clemens. Range: grade 8 through college. Listed by Smith, H. L., and Wright, W. W. Second revision of the bibliography of educational measurements, Bulletin of the School of Education, Indiana University, 1927, 4, No. 2.

1800. **Johnstown Tests in English Composition, Punctuation, Capitalization and Sentence Structure.** Johnstown Public Schools, Pa. (Not available.)

1801. **Starch's English Grammar Test,** by D. Starch. Range: grades 7–12. Madison, Wisc.: University Cooperative Co., 1916. (Out of print.)

1802. **Starch's Grammatical Scale A: English,** by D. Starch. Range: grades 5–12. Madison, Wisc.: University Cooperative Co., 1916. (Out of print.)

1803. **Starch's Punctuation Scale A,** by D. Starch. Range: grades 5–12. Madison, Wisc.: University Cooperative Co., 1916. (Out of print.)

1804. **Trabue Completion Test Language Scales,** by M. R. Trabue. Range: grades 2–12. New York: Bureau of Publications, Teachers College, Columbia University, 1919. (Out of print.)

ENGLISH COMPOSITION

1805. **Ballard's "Construction" Test,** by P. B. Ballard. Range: ages 10–14. Ref: Ballard, P. B. Mental and scholastic tests. London: P. S. King and Sons.

1806. **Harvard-Newton Composition Scales,** by F. W. Ballou. Range: grades 7–9. Cambridge, Mass.: Harvard University Press, 1914.

1807. **Breed-Frostic Scale for Measuring the General Merit of English Composition in the Sixth Grade,** by F. S. Breed and F. W. Frostic. Range: grade 6. Chicago: University of Chicago, 1917.

1808. **Briggs English Form Test,** by T. H. Briggs. Range: grades 7–9. New York: Bureau of Publications, Teachers College, Columbia University, 1921.

1809. **Composition Specimens Arranged in an Age Scale,** by C. Burt. Range: ages 7–14. Ref: Burt, C. Mental and scholastic tests. London: P. S. King and Son., 1922.

1810. **Clark Letter Writing Test,** by F. L. Clark. Range: grades 5–12. Bloomington, Ill.: Public School Publishing Co., 1926.

1811. **Tests for the "Little Book of English Composition,"** by E. A. Cross. Boston: Little, Brown and Co., 1926.

1812. **Driggs-Mayhew National Scales for Measuring Compositions,** by H. R. Driggs and A. F. Mayhew. Range: grades 7–9. Chicago: University Publishing Co., 1927.

1813. **Gary Composition Scale.** Ref: Wilson, G. M., and Hoke, K. J. How to measure. New York: Macmillan Co., 1929, 173–178.

1814. **Composition Tests,** by L. D. Harston. Ref: Harston, L. D. A five year study of objective tests for sectioning courses in English composition. JApPs, 1930, 14, 202–210.

1815. **Hudelson English Composition Scale,** by E. Hudelson. Range: grades 4–12. Yonkers, N. Y.: World Book Co., 1919, 1937.

1816. **Hudelson Maximal Composition Ability Scale,** by E. Hudelson. Range: grade 1 through university. Yonkers, N. Y.: World Book Co., 1923.

1817. **Hudelson Typical Composition Ability Scale,** by E. Hudelson. Range: grades 4–12. Bloomington, Ill.: Public School Publishing Co., 1923.

1818. **A Rating Scale for Judging Written Composition,** by Z. L. Huxtable. Ref: Huxtable, Z. L. Criteria for judging thought content in written English. JEdR, 1929, 19, 188–195.

1819. **Iowa English Organization Test, Paragraph Organization in Reading and Comprehension,** by J. B. Jones and H. A. Greene. Range: high school and college. Iowa City: Bureau of Educational Research and Service, University of Iowa, 1933.

1820. **Lewis English Composition Scales,** by E. E. Lewis. Range: grades 3–12. Yonkers, N. Y.: World Book Co., 1921.

1821. **Minneapolis Scale for Rating Friendly Letters.** Range: grades 3–6. Minneapolis, Minn.: Board of Education, Minneapolis Public Schools.

1822. **Pressey Diagnostic Tests in English Composition,** by S. L. Pressey, L. C. Pressey, E. V. Bowers, H. Ruhlen, F. R. Conkling, and B. Pearce. (Capitalization, Punctuation, Grammar, Sentence Structure.) Range: grades 7–12. Bloomington, Ill.: Public School Publishing Co., 1923. Ref: Pressey, S. L., and Conkling, F. R. Student's guide to correctness in written work. Bloomington, Ill.: Public School Publishing Co.

1823. **Providence Scale for the Measurement of English Composition.** Range: grades 5–8. Providence, R. I.: Department of Public Schools, 1917.

1824. **Rice's Composition Scale,** by J. M. Rice. Ref: Rice, J. M. Results of a test in language. Forum, 1903–1904, 35, 269–293.

1825. **Seaton-Pressey Minimal Essentials Tests in English Composition** (Capitalization, Good Usage, Punctuation, and Sentence Structure), by J. T. Seaton, S. L. Pressey, and L. C. Pressey. Range: grades 3–6. Bloomington, Ill.: Public School Publishing Co., 1926.

1826. **Test in English Composition,** by J. M. Stalnaker. Ref: Stalnaker, J. M. The construction and results of a twelve hour test in English composition. SchSoc, 1934, 39, 218–224.

1827. **Test of Ability to Organize Ideas in Writing,** by J. M. Stalnaker. Ref: Stalnaker, J. M. Testing the ability to organize. English Journal (College Edition), 1933, 22, 561–567.

1828. **Test of Ability to Write with Clarity and Accuracy,** by J. M. Stalnaker. Ref: Stalnaker, J. M. Attempts to measure the ability to write with clarity and accuracy. SchSoc, 1933, 37, 69–72.

1829. **A Scale for Measuring the Quality of Conventional News Stories in High School Journalism,** by M. Stewart. Ref: Stewart, M. A scale for measuring the quality of conventional news stories in high school journalism. EngJ, 1934, 23, 209–215.

1830. **The Thorndike Extension of the Hillegas Scale,** by E. L. Thorndike. Range: all grades. New York: Bureau of Publications, Teachers College, Columbia University, 1915. Now available through Bureau of Educational Research and Service, State University of Iowa, Iowa City.

1831. **Nassau County Supplement to the Hillegas Composition Scale,** by M. R. Trabue. Range: grades 4–12. New York: Bureau of Publications, Teachers College, Columbia University, 1916.

1832. **Van Wagenen English Composition Scales,** by M. J. Van Wagenen. Range: elementary school through college. Yonkers, N. Y.: World Book Co., 1923.

1833. **Northamptonshire Composition Scale,** by G. P. Williams. Range: ages 11–12. London: G. G. Harrap and Co. Ref: Williams, G. P. The Northamptonshire Composition Scale. London: G. G. Harrap Co., 1933.

1834. **Willing Scale for Measuring Written Composition,** by M. H. Willing. Range: grades 4–9. Bloomington, Ill.: Public School Publishing Co., 1920.

The following items are not available:

1835. **Composition Standards,** by A. Abbott and others. Range: high school and college. New York: Bureau of Publications, Teachers College, Columbia University, 1927. (Out of print.)

1836. **Courtis Composition Samples of Known Value for Training Students in the Use of a Scale,** by S. A. Courtis. Detroit: S. A. Courtis, 1919. (Not available.)

1837. **Courtis Standard Research Tests in English Composition,** by S. A. Courtis. Range: elementary and secondary schools. Detroit: S. A. Courtis, 1918. (Not available).

1838. **Detroit Public Schools Composition Test,** by Detroit Public Schools. Range: grades 3–8. Detroit: Detroit Public Schools, 1917. (Not available.)

1839. **The Hillegas Scale for Measurement of English Composition by Young People,** by M. B. Hillegas. Range: elementary and high school. New York: Bureau of Publications, Teachers College, Columbia University, 1912. (Out of print.)

1840. **Leonard Scale for the Judgment of Composition Quality,** by S. A. Leonard. Range: grades 4–9. Chicago: National Council of Teachers of English, 1925. (Not available.)

1841. **Stark Measurement of Eighth-Grade Composition,** by W. E. Stark. Range: grade 8. 1915. Ref: Smith, H. L., and Wright, W. W. Second revision of the bibliography of educational measurements. Bulletin of the School of Education, Indiana University, 1927, 4, No. 2.

1842. **Thorndike's English Composition Scale,** by E. L. Thorndike. New York: Bureau of Publications, Teachers College, Columbia University. (Not available.)

1843. **The Topeka 1920 Scale for Judging Technical Achievement in Composition,** by C. S. Wolfe. Range: elementary and secondary schools. Topeka, Kansas: Public Schools, 1920. (Not available.)

1844. **Topeka 1914 Scale for the Measurement of Composition in the Elementary and Secondary Schools,** by C. S. Wolfe. Range: elementary and secondary schools. Topeka, Kansas: Public Schools, 1914. (Not available.)

FOREIGN LANGUAGES

Language Usage Tests of Foreign Languages

1845. **The Canadian Scale of French Composition,** by J. Alphonse and P. Bovet. Ref: Alphonse, J., and Bovet, P. L'échelle Canadienne de composition française. ArPs(–f), 1930, 22, 298–305.

1846. **Chinese Composition Scale,** by H. H. C. Chou. Peiping, China: Yenching University. Available at Library of Teachers College, Columbia University, New York.

1847. **Test de Vocabulaire,** by H. E. Ford and Comité Canadien des Langues Modernes. Ref: Henmon, V. A. C. Achievement tests in modern foreign languages. New York: Macmillan Co., 1929.

1848. **Test de Grammaire,** by H. E. Ford and Comité Canadien des Langues Modernes. Ref: Henmon, V. A. C. Achievement tests in modern foreign languages. New York: Macmillan Co., 1929.

1849. **Test de Comprehension,** by H. E. Ford and Comité Canadien des Langues Modernes. Ref: Henmon, V. A. C. Achievement tests in modern foreign languages. New York: Macmillan Co., 1929.

1850. **Grammar Tests (Chinese),** by S. C. Liao. Two forms. Range: junior and senior high schools. Shanghai, China: Commercial Press, 1926.

French

1851. **American Council Alpha French Test,** by V. A. C. Henmon, A. Coleman, and M. R. Trabue. Range: high school and college. Yonkers, N. Y.: World Book Co., 1926.

1852. **American Council Alpha French Test: Aural Comprehension,** by A. L. Rogers, F. M. Clarke, and L. A. Wilkins. Range: 1 to 6 semesters of French. New York: Bureau of Publications, Teachers College, Columbia University, 1933.

1853. **American Council on Education French Reading Test,** by F. D. Cheydleur, V. A. C. Henmon, and M. J. Walker. Range: high school and college. New York: Cooperative Test Bureau, 1937.

1854. **American Council Beta French Test,** by J. Greenberg and B. D. Wood. Range: junior and senior high school. Yonkers, N. Y.: World Book Co., 1926.

1855. **American Council French Grammar Test,** by F. D. Cheydleur. Range: high school and college. Yonkers, N. Y.: World Book Co., 1927.

1856. **First Year French Test in Vocabulary and Comprehension,** by M. Atkinson. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College.

1857. **Test Forms for Classroom Material [French],** by F. Baker. Ref: Baker, F. Test forms for classroom material. FrRev, 1928, 2, 27–45.

1858. **Silent Reading Test in French**, by M. E. Broom and L. P. Brown. Range: high school and college. Los Angeles, Calif.: Southern California School Book Depository, 1928.

1859. **French Cultural Test**, by R. Buda. Ref: Buda, R. A French cultural test. New York: Unpublished Master's Thesis, College of the City of New York, 1931.

1860. **Bryn Mawr Test in French**, by F. M. Clarke. Ref: Clarke, F. M. Results of the Bryn Mawr Test in French administered in New York City high schools. High Points, 1931, 13, 4–13.

1861. **Columbia Research Bureau Aural French Test**, by L. C. Seibert and B. D. Wood. Range: high school and college. Yonkers, N. Y.: World Book Co., 1930.

1862. **Columbia Research Bureau French Test**, by A. A. Méras, S. Roth and B. D. Wood. Range: high school and college. Yonkers, N. Y.: World Book Co., 1926.

1863. **Cooperative French Test (Advanced Form)**, by G. Spaulding and P. Vaillant. Range: grades 9–15, 1 to 5 years of French. New York: Cooperative Test Service, 1932–1937.

1864. **Cooperative French Test (Elementary Form)**, by J. Greenberg and G. Spaulding. Range: beginning French classes. New York: Cooperative Test Service, 1937.

1865. **Cooperative French Test (Junior Form)**, by J. Greenberg and G. Spaulding. Range: one to three semesters. New York: Cooperative Test Service, 1933–1937.

1866. **Cooperative Advanced French Reading Test**, by G. Perrine, P. Vaillant, and G. Spaulding. Range: five years or more of French. New York: Cooperative Test Service, Experimental Form, 1933.

1867. **A Test in the Use of the Subjunctive in French**, by J. H. Cove. Ref: Ruch, G. M., and Rice, G. A. Specimen objective examinations. Chicago: Scott, Foresman and Co., 1931.

1868. **Standardized French Test**, by E. B. De Sauze. Range: junior and senior high school. Philadelphia: John C. Winston Co., 1929.

1869. **French Progress Test**, by H. M. Eddy. Range: high school French. Chicago: University of Chicago Press, 1929.

1870. **French Grammar Tests**, by H. E. Ford and R. K. Hicks. Toronto, Canada: J. M. Dent and Sons. Ref: Henmon, V. A. C. Achievement tests in modern foreign languages. New York: Macmillan Co., 1929.

1871. **French Pronunciation Tests**, by J. H. Greenleaf. Ref: Greenleaf, J. H. French pronunciation tests. ModLanJ, 1929, 13, 534–537.

1872. **Handschin's Modern Language Tests: French Comprehension and Grammar Test**, by C. H. Handschin. Range: first-year classes in high school French. Yonkers, N. Y.: World Book Co., 1919.

1873. **Handschin's Modern Language Tests: French Silent Reading Test**, by C. H. Handschin. Range: first two years of French in high school or university. Yonkers, N. Y.: World Book Co., 1919.

1874. **Henmon's French Tests**, by V. A. C. Henmon. Range: end of one year or more of French. Yonkers, N. Y.: World Book Co., 1921.

1875. **First and Second Year French: State High School Tests for Indiana**, by H. V. Wann and M. O. Peters, edited by H. H. Remmers. Lafayette, Ind.: Division of Educational Reference, Purdue University. New forms each semester.

1876. **Kansas State Teachers College Scholarship Contest French Test**, by M. Atkinson. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College, 1927.

1877. **Lundeberg-Tharp Audition Test in French**, by J. B. Tharp and O. K. Lundeberg. Range: high school and college French. Columbus, Ohio: J. B. Tharp, Ohio State University, 1929. Ref: Tharp, J. B. Effect of oral-aural ability on scholastic achievement in modern foreign languages. ModLanJ, 1930, 15, 10–26. Also: Tharp. J. B. Lundeberg-Tharp audition-pronunciation test in French. ModLanForum, 1931, 16, 4–7.

1878. **Illinois University Aural French Tests**, by O. K. Lundeberg, L. Cons, J. B. Tharp, and C. W. Odell. Ref: Lundeberg, O. K. Recent developments in audition speech tests. ModLanJ, 1929, 14, 193–202.

1879. **Tests of Vocabulary (French)**, by R. T. Maronpont. Ref: Maronpont, R. T. Teaching and testing vocabulary on a one-language basis (French). ModLanJ, 1930, 14, 554–560.

1880. **New Type French Tests**, by E. McGonigle. Ref: McGonigle, E. New type French tests. School, 1929, 17, 798–801.

1881. **Miller-Davis French Test**, by M. M. Miller and V. Davis. Range: first and second year of high school French, also college. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College, 1934–35.

1882. **Test on French Life and Culture**, by M. M. Miller. Range: high school and college. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College, 1935. Ref: Miller, M. M. Test on French life and culture. ModLanJ, 1935, 15, 158–162.

1883. **French Verb and Idiom Achievement Tests**, by H. Mitchell and A. Puffer. Boston: D. C. Heath and Co., 1931.

1884. **First Year French: Multiple-Purpose Objective Tests in High School Subjects**, by L. Pickard, and edited by C. W. Odell. Oklahoma City, Okla.: Webb-Duncan Publishing Co., 1932.

1885. **Sammartino-Krause Standard French Tests**, by P. Sammartino and C. A. Krause. Bloomington, Ill.: Public School Publishing Co., 1929.

1886. **French Language Scale**, by A. G. H. Spiers. Ref: Spiers, A. G. H. A French teacher's language scale. FrRev, 1927, 1, 13–28.

1887. **First Year French Tests**, by G. Tibbals. Oklahoma City, Okla.: Harlow Publishing Co., 1930, 1931.

1888. **Trabue French Composition Scale**, by M. R. Trabue. Ref: Breed, F. S. Studies in modern language teaching. New York: Macmillan Co., 1920, 187–198.

1889. **Harvard French Vocabulary Test**, by A. M. Twigg. Range: first four years of French. Boston: Ginn and Co., 1925.

1890. **French Test**, by L. A. Wilkins. Ref: Supplement to "Le Petit Journal." Garden City, N. Y.: Doubleday, Doran and Co., 1925.

1891. **Modern Language French Test**, by B. D. Wood. Ref: Wood, B. D. New York experiment with the new type modern language tests. New York: Macmillan Co., 1927, Volume I.

The following items have incomplete references or are not available:

1892. **French Aural Comprehension Test**, by J. L. Balliff, Jr. Mentioned by Henmon, V. A. C. Achievement tests in modern foreign languages. New York: Macmillan Co., 1929.

1893. **Méras-Roth-Wood French Scale**, by A. A. Méras, S. Roth and B. D. Wood. Has been replaced by the Columbia Research Bureau French Test, by the same authors. Ref: Méras, A. A., Roth, S., and Wood, B. D. A placement test in French. Contributions to Education, 1924, 1, 247–263. Yonkers, N. Y.: World Book Co.

1894. **Starch's French Reading and Vocabulary Tests**, by D. Starch. Range: four years of French. Madison, Wisc.: University Cooperative Co., 1916. (Out of print.)

German

1895. **Aiken-Held First Year German Test,** by J. R. Aiken and C. Held. Range: first year German. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College, 1933.

1896. **American Council Alpha German Test,** by V. A. C. Henmon, B. Q. Morgan, C. M. Purin, S. M. Hinz and E. Rossberg. Range: high school and college. Yonkers, N. Y.: World Book Co., 1926.

1897. **American Council on Education German Reading Test,** by E. P. Appelt and V. A. C. Henmon. Range: two or more semesters of German. New York: Cooperative Test Service, 1937.

1898. **American Council on Education German Reading Scales,** by M. J. Van Wagenen and S. H. Patterson. Range: high school. Bloomington, Ill.: Public School Publishing Co., 1927.

1899. **Columbia Research Bureau German Test,** by C. M. Purin and B. D. Wood. Range: high school and college. Yonkers, N. Y.: World Book Co., 1926.

1900. **Cooperative German Test,** by M. Hespelt, E. H. Hespelt, and G. Spaulding. Range: 1 to 5 years of German in grades 9–15. New York: Cooperative Test Service, 1932–1937.

1901. **Cooperative German Test (Junior Form),** by E. Popper, A. Miller, and L. M. Will. Range: one to three semesters. New York: Cooperative Test Service, 1933–1937.

1902. **Cooperative German Test (Elementary Form),** by E. Popper, A. Miller, and L. M. Will. New York: Cooperative Test Service, 1937.

1903. **Cooperative German Test (Advanced Form),** by M. Hespelt, E. H. Hespelt, and G. Spaulding. Range: high school and college. New York: Cooperative Test Service, 1937.

1904. **Cooperative Advanced German Reading Test,** by E. F. Hauch. New York: Cooperative Test Service, Experimental Form, 1933.

1905. **German Tests,** by P. Hagboldt and F. W. Kaufmann. To accompany lessons in "Modern German Grammar" and "Inductive Readings," Book I. Chicago: University of Chicago Press, 1928.

1906. **Advanced German Tests,** by F. W. J. Heuser. Ref: Heuser, F. W. J. Objective testing in advanced courses. German Quarterly, 1928, 1, 132–142.

1907. **First and Second Year German: State High School Tests for Indiana,** by M. W. Rothert, edited by H. H. Remmers. Lafayette, Indiana: Division of Educational Reference, Purdue University. New forms each semester.

1908. **Lundeberg-Tharp Audition Test in German,** by O. K. Lundeberg and J. B. Tharp. Columbus, Ohio: J. B. Tharp, Ohio State University. Ref: Coleman, A. Bibliography of modern language teaching. Chicago: University of Chicago Press, 1933.

1909. **Aural Comprehension Test for German,** by J. Martin. Ref: Martin, J. Aural comprehension test for German. German Quarterly, 1932, 5, 72–75.

1910. **First Year German Objective Tests,** by O. Oswald. Range: first and second year German. Based on Vos' "Essentials of German." New York: Henry Holt and Co., 1929.

1911. **Reading Comprehension Tests in German,** by L. L. Stroebe. New York: Henry Holt and Co., 1937. Ref: Stroebe, L. L. Reading comprehension tests (German). German Quarterly, 1930, 3, 79–94.

The following items have incomplete references or are not available:

1912. **Columbia College Placement Examination in German,** by F. Betz, G. A. Betz, H. G. Wendt, and B. D. Wood. Replaced by the Columbia Research Bureau German Test. Ref: Smith, H. L., and Wright, W. W. Second revision of the bibliography of educational measurements. Bulletin of the School of Education, Indiana University, 1927, 4, No. 2.

1913. **Whipple's German Vocabulary Test**, by G. M. Whipple and D. Starch. Range: graduate students. Ann Arbor: University of Michigan, 1917. (Not available.)

Italian

1914. **American Council Tests in Italian**, by M. A. Buchanan and E. Goggio. Range: high school and college. Yonkers, N. Y.: World Book Co., 1926.

Latin

1915. **Allen Examination in First-Term Latin**, by W. S. Allen. Range: first year Latin. Ref: Allen, W. S. A study in Latin prognosis. New York: Bureau of Publications, Teachers College, Columbia University, 1923.

1916. **First and Second Year Latin; Multiple-Purpose Objective Tests in High School Subjects**, by D. L. Angevine, and edited by C. W. Odell. Range: tests for each year. Oklahoma City, Okla: Webb-Duncan Publishing Co., 1932.

1917. **Diagnostic Tests in Latin**, by F. N. Bacon. Based on Jenkins' "Latin For Today, First Year Course." Boston: Ginn and Co., 1929.

1918. **English Application Test for Latin Pupils**, by F. N. Bacon. Ref: Ruch, G. M., and Rice, G. A. Specimen objective examinations. Chicago: Scott, Foresman and Co., 1931, 248–252.

1919. **Baltimore Junior High Latin Grammar—Translation Exercises.** Range: grade 9. Baltimore, Md.: Baltimore Public Schools, 1925.

1920. **Brown's Latin Tests**, by H. A. Brown. Range: grades 9–12. Madison, Wisc.: The Parker Co., 1920.

1921. **Cooperative Latin Test**, by J. C. Kirtland, R. B. McJimsey and B. M. Allen. Range: grades 9–14. New York: Cooperative Test Service, 1933–37.

1922. **Cooperative Latin Test (Elementary Form)**, by W. L. Carr, and G. R. Humphries. Range: first three semesters of Latin study. New York: Cooperative Test Service, 1937.

1923. **Cooperative Latin Test (Advanced Form)**, by J. C. Kirtland, R. B. McJimsey, and B. M. Allen. Range: two years of Latin and over. New York: Cooperative Test Service, 1937.

1924. **Cooperative Latin Test (Junior Form)**, by W. L. Carr and G. R. Humphries. Range: one to three semesters, grades 7–9. New York: Cooperative Test Service, 1933–1937.

1925. **Deferrari-Foran Latin Tests (Vocabulary and Comprehension)**, by R. J. Deferrari and T. G. Foran. Range: high school. Washington, D. C.: Catholic Education Press, 1925.

1926. **Denver Curriculum Test in Latin Comprehension.** Range: grades 9–12. Denver, Colo.: Denver Public Schools, 1927.

1927. **Detroit Latin Examination, 4**, by Department of Instructional Research, Detroit Public Schools, June 1928.

1928. **Godsey Latin Composition Test**, by E. R. Godsey. Range: grades 9–12. Yonkers, N. Y.: World Book Co., 1922, 1923, 1926.

1929. **Hanus' Latin Tests**, by P. H. Hanus. Range: grades 9–12. Ref: Hanus, P. H. Measuring progress in learning Latin. SchRev, 1916, 24, 342–351.

1930. **Henmon Latin Tests**, by V. A. C. Henmon. Range: four years of high school. Yonkers, N. Y.: World Book Co., 1917.

1931. **Holtz Vergil Test**, by W. L. Holtz and H. E. Schrammel. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College.

1932. **Tests of Functional Latin for Secondary School Use**, by C. M. Hooge. Philadelphia, Pa.: University of Pennsylvania, 1932.

1933. **Unit Tests for Use with First Year Latin Lessons**, by A. Horn and H. F. Scott. Chicago: Scott, Foresman and Co., 1930.

1934. **Hutchinson Latin Grammar Scales**, by M. E. Hutchinson. Range: high school. Bloomington, Ill.: Public School Publishing Co., 1929.

1935. **First Year Latin Test: State High School Tests for Indiana**, by R. L. Alexander. Range: first, second semesters. Lafayette, Indiana: Division of Educational Reference, Purdue University. New forms each semester.

1936. **Second Year Latin Test: State High School Tests for Indiana**, by J. L. Lee. Range: third, fourth semesters. Lafayette, Ind.: Division of Educational Reference, Purdue University. New forms each semester.

1937. **Indiana Latin Achievement Test**, by W. W. Wright, D. E. Gorseline, and F. R. Noffsinger. Bloomington, Ind.: Bureau of Cooperative Research, Indiana University School of Education, 1930.

1938. **Harvard Latin Syntax Test**, by A. Inglis. Range: after first semester Latin. Boston: Ginn and Co., 1923.

1939. **Harvard Latin Vocabulary Test**, by A. Inglis. Range: first four years of Latin. Boston: Ginn and Co., 1923.

1940. **Harvard Latin Morphology Test**, by A. Inglis. Range: grades 9–12. Boston: Ginn and Co., 1923.

1941. **Every-Pupil Test in Latin: Iowa Every-Pupil Testing Program**, by F. H. Potter, H. M. Eddy and M. Struble. Range: first and second year Latin. Iowa City, Iowa: Bureau of Educational Research and Service, Extension Division, State University of Iowa. New form each year. Ref: Struble, M. Subject matter circular in Latin: Fourth Annual Iowa Academic Contest. Iowa City, Iowa: College of Education, State University of Iowa, 1932.

1942. **Kansas First Year Latin Tests**, by M. A. Seller, L. Bellinger, and H. E. Schrammel. Range: high school, first and second semesters. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College. New forms each semester.

1943. **Kansas Second Year Latin Tests**, by W. L. Holtz and H. E. Schrammel. Range: high school, first and second semesters. Emporia, Kansas: Bureau of Educational Measurement, Kansas State Teachers College. New forms each semester.

1944. **Objective Tests for Latin II**, by L. M. Kornfeld. Range: high school. Ref: Ruch, G. M., and Rice, G. A. Specimen objective examinations. Chicago: Scott, Foresman and Co., 1931, 253–259.

1945. **Lohr-Latshaw Latin Form Test**, by L. L. Lohr and H. F. Latshaw. Range: high school Latin classes. Chapel Hill, N. C.: Bureau of Educational Research, School of Education, University of North Carolina, 1923.

1946. **First and Second Year High School Latin: Manchester Semester-End Achievement Tests**, by D. C. Reber, E. Barracks, E. M. McKinnie, J. G. Russell, et al. Range: tests for first and second year Latin. North Manchester, Ind.: Bureau of Tests and Measurements, Manchester College, new forms each semester.

1947. **Latin Tests**, by J. M. Milne. (Junior, intermediate and advanced tests.) London: George G. Harrap Co., 1929.

1948. **Morris-Ward Prognosis Test in Latin**, by J. V. L. Morris and L. A. Ward. Range: grades 7–10. Alva, Okla.: J. V. L. Morris, Northwestern State Teachers College, 1927.

1949. **First and Second Year Latin Tests**, by J. D. Newby. Oklahoma City, Okla.: Harlow Publishing Co., 1929, 1930.

1950. **Orleans-Solomon Latin Prognosis Test**, by J. S. Orleans and M. Solomon. For pupils beginning high school Latin. Yonkers, N. Y.: World Book Co., 1926. Ref: Orleans, J. S., and Solomon, M. Study of Latin prognosis. Classical Journal, 1928, 24, 174–190.

1951. **Otis English-Latin Derivation Test**, by A. T. Otis. Range: grades 9–12. Ref: Smith, H. L., and Wright, W. W. Second revision of the bibliography of

educational measurements. Bulletin of the School of Education, Indiana University, 1927, 4, No. 2.

1952. **Powers Diagnostic Latin Test**, by F. F. Powers. Range: first year Latin. Bloomington, Ill.: Public School Publishing Co., 1930.

1953. **Pressey Test in Latin Syntax**, by L. C. Pressey. Range: grades 9–12. Bloomington, Ill.: Public School Publishing Co., 1922.

1954. **Cicero Test**, by M. A. Seller and H. E. Schrammel. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College.

1955. **Stevenson Latin Vocabulary Test**, by P. R. Stevenson. Range: grades 7–10. Bloomington, Ill.: Public School Publishing Co., 1923.

1956. **Stevenson-Coxe Latin Derivative Test**, by P. R. Stevenson and W. W. Coxe. Range: grades 7–10. Bloomington, Ill.: Public School Publishing Co., 1923.

1957. **New York Latin Achievement Test**, by H. G. Thompson and J. S. Orleans. Range: first year Latin students. Yonkers, N. Y.: World Book Co., 1927.

1958. **Tyler-Pressey Test in Latin Verb Forms**, by C. Tyler and S. L. Pressey. Range: high school Latin. Bloomington, Ill.: Public School Publishing Co., 1922.

1959. **Ullman-Kirby Latin Comprehension Test**, by B. L. Ullman and T. J. Kirby. Range: grades 9–12. Iowa City: Bureau of Educational Research and Service, State University of Iowa, 1922.

1960. **Progress Tests in Latin**, by B. L. Ullman and A. W. Smalley. Range: first year Latin. New York: Macmillan Co., 1928.

1961. **Tests on Vergil's Aeneid**, by F. Waterman. Ref: Waterman, F. Studies and tests on Vergil's Aeneid. Harvard Bulletin in Education, 1930, No. 17. Cambridge, Mass.: Harvard University Press.

1962. **Wetzel Latin Test**, by W. A. Wetzel. Ref: Wetzel, W. A. A Latin experiment. JEdR, 1922, 5, 86–88.

1963. **White Latin Test**, by D. S. White. Range: first four years of Latin. Yonkers, N. Y.: World Book Co., 1924.

The following items have incomplete references or are not available:

1964. **A. C. L. Special Latin Vocabulary Test.** Philadelphia, Pa.: W. J. Grinstead, University of Pennsylvania. (Not available.)

1965. **Kansas Latin Derivative Tests**, by W. L. Holtz and E. Godsey. Range: high school. Emporia, Kansas: Kansas State Normal School, 1920. (Not available.)

1966. **Wisconsin Test in Latin Words, Phrases and Abbreviations Occurring in English**, by L. V. Walker. Range: grades 7–12. Madison, Wisc.: University of Wisconsin. (Not available.)

1967. **Starch's Latin Test**, by D. Starch. 1916. Listed by Smith, H. L., and Wright, W. W. Second revision of the bibliography of educational measurements. Bulletin of the School of Education, Indiana University, 1927, 4, No. 2. (Out of print.)

1968. **Starch-Watters Latin Test**, by D. Starch and J. M. Watters. Range: first four years in Latin. Madison, Wisc.: University Cooperative Co., 1918. (Out of print.)

1969. **Wentworth Latin Test**, by M. M. Wentworth. Range: grades 9 and 10. Los Angeles: Division of Educational Research, City School District, 1919. (Out of print.)

1970. **Wyckoff Latin Prognosis Test**, by R. T. Wyckoff. Range: beginning high school Latin classes. Berea, Kentucky: R. T. Wyckoff, Berea College, 1926. (Not available.)

Spanish

1971. **New Type Examination in Spanish Literature**, by H. Alpern. Ref: Alpern, H. New type examination in Spanish literature. ModLanJ, 1930, 14, 290–295.

1972. **American Council Alpha Spanish Test**, by M. A. Buchanan, J. P. W. Crawford, H. Keniston, and V. A. C. Henmon. Range: high school and college. Yonkers, N. Y.: World Book Co., 1926.

1973. **Spanish Audition Test**, by M. A. Buchanan. Toronto: Canadian Committee on Foreign Languages, University of Toronto. Ref: Lundeberg, O. K. Recent developments in audition speech tests. ModLangJ, 1929, 14, 193–202.

1974. **American Council Beta Spanish Test**, by F. Callcott, R. H. Williams, and B. D. Wood. Range: junior and senior high school. Yonkers, N. Y.: World Book Co., 1926. Ref: Wood, B. D. New York experiment with the new type modern language tests. New York: Macmillan Co., 1927, Vol. I.

1975. **Columbia Research Bureau Spanish Test**, by F. Callcott and B. D. Wood. Range: high school and college. Yonkers, N. Y.: World Book Co., 1926.

1976. **Contreras-Broom-Kaulfers Silent Reading Tests in Spanish**, by M. S. Contreras, M. E. Broom, and W. Kaulfers. Range: high school and college. Bloomington, Ill.: Public School Publishing Co., 1927.

1977. **Contreras-Broom-Kaulfers Spanish Vocabulary Tests**, by M. S. Contreras, M. E. Broom, and W. Kaulfers. Range: high school and college. Bloomington, Ill.: Public School Publishing Co., 1927.

1978. **Cooperative Spanish Test**, by E. H. Hespelt, R. H. Williams and G. Spaulding. Range: 1 to 5 years of Spanish, grades 9–14. New York: Cooperative Test Service, 1932–1937.

1979. **Cooperative Spanish Test (Junior Form)**, by J. Greenberg, R. H. Williams, and G. Spaulding. Range: junior high school, grades 6–9. New York: Cooperative Test Service, 1933–1935.

1980. **Cooperative Spanish Test (Elementary Form)**, by J. Greenberg, R. H. Williams, and G. Spaulding. Range: beginning Spanish. New York: Cooperative Test Service, 1937.

1981. **Cooperative Spanish Test (Advanced Form)**, by E. H. Hespelt, R. H. Williams, and G. Spaulding. Range: four or more semesters, high school or college. New York: Cooperative Test Service, 1937.

1982. **Cooperative Advanced Spanish Reading Test**, by R. H. Williams and E. H. Hespelt. Range: three years or more of Spanish in high school and college. New York: Cooperative Test Service, Experimental Form, 1933.

1983. **Achievement Tests for Vocabulary (Spanish)**, by E. Garcia. Ref: Garcia, E. Achievement tests for vocabulary (Spanish). Hispania, 1928, 11, 153–161. Also: Garcia, E. Achievement tests for vocabulary. ModLanForum, 1927, 12, 8–13.

1984. **Handschin's Modern Language Tests: Spanish Silent Reading Test**, by C. H. Handschin. Range: first two years of high school Spanish. Yonkers, N. Y.: World Book Co., 1919.

1985. **First and Second Courses in Spanish: Comprehensive Tests in High School Subjects**, by B. Herrin, edited by G. C. Wells. Oklahoma City, Okla.: Harlow Publishing Co., 1931–1934.

1986. **Kansas State Teachers College Scholarship Contest First and Second Year Spanish Test.** Emporia: Kansas: Bureau of Educational Measurements, Kansas State Teachers College, 1927.

1987. **Objective Test in Spanish Vocabulary**, by J. F. Lemon. Ref: Lemon, J. F. An objective test in Spanish. ModLanJ, 1927, 12, 201–203.

1988. **Spanish Life and Culture Test**, by M. M. Miller. Range: high school and college. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College.

1989. **Spanish I Examination**, by C. Morgan. Range: high school. Ref: Ruch, G. M., and Rice, G. A. Specimen objective examinations. Chicago: Scott, Foresman and Co., 1931.

1990. **First and Second Year Spanish: Every Pupil Test**, by the Department of Romance Languages, Ohio State University. Range: high school. Columbus, Ohio: Ohio Scholarship Tests, Department of Education, Ohio State University, 1935.

1991. **Spanish Silent Reading Test**, by S. L. Pitcher. Ref: Ruch, G. M., and Rice, G. A. Specimen objective examinations. Chicago: Scott, Foresman and Co., 1931.

1992. **Understanding of Spanish**, by O. G. Russell and others. Ref: Lundeberg, O. K. Recent developments in audition speech tests. ModLanJ, 1929, 14, 193–202.

1993. **Stanford Spanish Tests**, by A. M. Espinosa and T. L. Kelley. Range: high school or college. Stanford University, Calif.: Stanford University Press, 1927.

1994. **First and Second Year Spanish: Multiple-Purpose Objective Tests in High School Subjects**, by A. C. Streeter and C. W. Odell. Oklahoma City, Okla.: Webb-Duncan Publishing Co., 1932.

1995. **First Year Spanish Tests**, by G. Tibbals. Oklahoma City, Okla.: Harlow Publishing Co., 1920, 1931.

1996. **Wilkins Achievement Tests in Spanish**, by L. A. Wilkins. Range: first year Spanish. New York: Henry Holt and Co., 1926.

1997. **Spanish Test**, by L. A. Wilkins. Ref: Supplement to "El Eco." Garden City, N. Y.: Doubleday Doran and Co., 1925.

Prognostic Language Tests

1998. **Barry-Rice Foreign Language Prognosis Test**, by M. D. Barry and G. A. Rice. Berkeley, Calif.: Department of Education, University of California. Ref: Henmon, V. A. C., and others. Prognosis tests in the modern foreign languages. New York: Macmillan Co., 1929.

1999. **Prognosis Tests of Ability to Learn Foreign Languages**, by T. H. Briggs and T. L. Kelley. Ref: Briggs, T. H., and Kelley, T. L. Prognosis tests of ability to learn foreign languages. JEdR, 1922, 6, 386–392.

2000. **Artificial Language Tests**, by S. C. Dodd. Ref: Henmon, V. A. C., and others. Prognosis tests in the modern foreign languages. New York: Macmillan Co., 1929.

2001. **Sight Translation**, by S. C. Dodd. Ref: Henmon, V. A. C., and others. Prognosis tests in the modern foreign languages. New York: Macmillan Co., 1929.

2002. **George Washington University Series Language Aptitude Test**, by T. Hunt, F. C. Wallace, S. Doran, K. C. Buynitsky, and R. E. Schwarz. Range: high school and college. Washington, D. C.: Center for Psychological Service, 1929.

2003. **Luria-Orleans Modern Language Prognosis Test**, by M. A. Luria and J. S. Orleans. Range: high school and college. Yonkers, N. Y.: World Book Co., 1930.

2004. **Hebrew Prognosis Test**, by J. B. Maller and S. S. Silvermann. Form D for elementary schools. New York: Department of Synagogue and School Extension, Union of Orthodox Jewish Congregations of America, 1931.

2005. **A Test of Aptitude for Foreign Languages**, by H. Mueller. Ref: Mueller, H. Über sprachliche Begabung und ihre Prüfung bei 13 jahrigen Volksschülern. PrakPs, 1921, 2, 3–10.

2006. **Tests for Selection of Pupils for Language Classes**, by F. Schlotte. Ref: Institut des Leipziger Lehrervereins. Hilfsmittel für Begabungsuntersuchungen. PdPsArb, 1921, 11, 139–169.

2007. **Foreign Language Prognosis Test**, by P. M. Symonds. Range: grades 8–9. New York: Bureau of Publications, Teachers College, Columbia University, 1930. Ref: Henmon, V. A. C., and others. Prognosis tests in the modern foreign languages. New York: Macmillan Co., 1929, Chapter 6. Also: Symonds, P. M. A foreign language prognosis test. TCRec, 1930, 21, 551.

2008. **Todd Linguistic Test**, by J. W. Todd. Ref: Henmon, V. A. C., and others. Prognosis tests in the modern foreign languages. New York: Macmillan Co., 1929.

2009. **Wilkins Prognosis Test in Modern Foreign Languages**, by L. A. Wilkins. Range: secondary schools and colleges. Yonkers, N. Y.: World Book Co., 1920.

The following items are not available:

2010. **De Jong's Modern Language Tests**, by G. de Jong, Jr. Range: high school and college. Provo, Utah.: G. de Jong, Jr., Brigham Young University, 1920. (Out of print.)

2011. **Handschin's Predetermination Tests (Language)**, by C. H. Handschin. Range: grades 7–10. Washington, D. C.: Bureau of Education, 1918. (Not available.)

HANDWRITING

2012. **Ayres Handwriting Scale, Gettysburg Edition**, by L. P. Ayres. Range: grades 2–8. New York: Russell Sage Foundation, 1917. Also, Bloomington, Ill.: Public School Publishing Co.

2013. **Ayres Scale for Measuring the Quality of Handwriting of School Children**, by L. P. Ayres. Range: elementary school. New York: Russell Sage Foundation, 1912.

2014. **Ayres Handwriting Scale for Measuring the Quality of Handwriting of Adults**, by L. P. Ayres. Range: adults. New York: Russell Sage Foundation, 1914.

2015. **Manuscript and Script Writing Scales**, by P. B. Ballard. Ref: Ballard, P. B. Ballard group tests of intelligence. London: Hodder and Stoughton, 1927.

2016. **Highland Park Handwriting Scale**, by F. S. Breed and E. F. Down. Ref: Breed, F. S., and Down, E. F. Measuring and standardizing handwriting in a school system. ElemSchJ, 1917, 17, 470–484.

2017. **Handwriting Specimens Arranged in an Age Scale**, by C. Burt. Range: ages 5–14. Ref: Burt, C. Mental and scholastic tests. London: P. S. King and Son, 1921.

2018. **Clark-Wells-Freeman Handwriting Scales**, by F. E. Clark, J. B. Wells, and F. N. Freeman. Range: grades 2–8. Columbus, Ohio: Dobson-Evans Company, 1921.

2019. **Cleveland Business Penmanship Scale**, by A. N. Carmine, W. L. Connor, L. W. La Du. Cleveland, Ohio: Harter School Supply Co., 1926.

2020. **Conard Manuscript Writing Standards**, by E. U. Conard. Range: pen form—grade 3 to adult; pencil form—grades 1–4. New York: Bureau of Publications, Teachers College, Columbia University, 1929.

2021. **Muscular Movement Penmanship Gradient**, by B. A. Connor. Range: grades 1–8. Boston: Houghton Mifflin Co., 1922.

2022. **Detroit Examination in Handwriting.** Range: elementary grades. Detroit, Mich.: Detroit Public Schools.

2023. **Faber Freehand Lettering Scale**, by J. F. Faber. Milwaukee, Wisc.: Bruce Publishing Co., 1929.

2024. **Freeman Chart for Diagnosing Faults in Handwriting**, by F. N. Freeman. Range: all grades. Boston: Houghton Mifflin Co., 1914. Ref: Freeman, F. N. The teaching of handwriting. Boston: Houghton Mifflin Co.

2025. **Handwriting Measuring Scales for Grades 1–3**, by F. N. Freeman and the Zaner-Bloser Staff. Columbus, Ohio: Zaner-Bloser Co., 1930.

2026. **Handwriting Scale**, by E. M. Gertz. (Swedish.) Ref: Gertz, E. M. Investigation on speed and quality standards for ability in handwriting made in elementary schools at Malmö and Lund. Lund, Sweden: Lund University, 1934.

2027. **Gray Standard Score Card for the Measurement of Handwriting**, by C. T. Gray. Range: for elementary schools. Bloomington, Ill.: Public School Publishing Co., 1919.

2028. **Minnesota Handwriting Test**, by M. E. Haggerty. Range: grades 2–8. Minneapolis, Minn.: Bureau of Cooperative Research, College of Education, University of Minnesota.

2029. **Metropolitan Manuscript and Cursive Handwriting Scales**, by G. H. Hildreth. Range: primary grades. Yonkers, N. Y.: World Book Co., 1933.

2030. **A Handwriting Scale for Measuring Chinese Characters**, by S. Honsho. Tokyo, Japan: Meguro, 1931.

2031. **Houston's Guide for Rating and Correcting Handwriting**, by H. Houston. Range: grades 4–8. New Haven, Conn.: H. Houston, 162 Willard St., 1913, 1920.

2032. **Jersey City Handwriting Scales for Grades 2A to 6B.** Jersey City, N. J.: Board of Education, 1929.

2033. **Johnson-Stone Scale for Measuring the Quality of Handwriting**, by G. L. Johnson and C. R. Stone. Range: elementary grades. Ref: Johnson, G. L., and Stone, C. R. Measuring the quality of handwriting. ElemSchJ, 1915, 16, 302–315.

2034. **Detroit Freehand Lettering Scale**, by F. Kepler. Range: grades 7–12. Detroit, Mich.: Board of Education, 1927.

2035. **Measurement of the Qualities of Handwriting (Japanese)**, by Y. Kubo. Ref: Kubo, Y. The measurement of children's ability to write down Chinese characters. Jidokenkyujo, 1919, 1925.

2036. **Leamer Handwriting Scale**, by E. W. Leamer. Range: grades 2–8. Bloomington, Ill.: Public School Publishing Co. Also, Leamer Diagnostic Practice Sentences in Handwriting, by E. W. Leamer. Bloomington, Ill.: Public School Publishing Co.

2037. **New York City Penmanship Scale**, by C. C. Lister and G. C. Myers. Range: grades 4–8. New York: Macmillan Co., 1918.

2038. **Locker's Handwriting Scale**, by W. C. Locker. Range: grades 1–7. Richmond, Va.: W. C. Locker, 1919.

2039. **Kansas City Scale for Measuring Handwriting, Missouri Edition**, by G. Melcher and teachers of the Kansas City Public Schools. Range: grades 2–8. Kansas City, Mo.: Bureau of Research and Efficiency, Public Schools, 1917, 1931.

2040. **Gothic Lettering Scale for Grading Slanting Freehand Lettering**, by D. B. Miller. Ref: Miller, D. B. The Gothic lettering scale for grading slanting freehand lettering. JEdR, 1933, 26, 679–688.

2041. **Newland Chart for Diagnosis of Illegibilities in Written Arabic Numerals**, by T. E. Newland. Bloomington, Ill.: Public School Publishing Co., 1931.

2042. **Minneapolis Self-Corrective Handwriting Charts**, by E. C. Nystrom. Includes handwriting scales. Range: grades 3–12. St. Paul, Minn.: St. Paul Book and Stationery Co.

2043. **Palmer's Standards for the Evaluation of Efficiency in Handwriting**, by A. N. Palmer. Range: grades 1–8. Chicago: A. N. Palmer Co., 1920.

2044. **Powers Economy Handwriting Scale**, by J. F. Powers. Range: grades 3–8. Chicago: Laurel Book Co., 1922.

2045. **Pressey Chart for Diagnosis of Illegibilities in Handwriting,** by S. L. Pressey and L. C. Pressey. Range: grade 3 through college. Bloomington, Ill.: Public School Publishing Co., 1927.

2046. **Scale for Hand Lettering Quality,** by G. M. Quackenbush. Ref: Quackenbush, G. M. A scale for measuring the quality of hand lettering. IndEdMag, 1928, 30, 229–231.

2047. **Reavis and Aiken's Score Card for Handwriting,** by W. C. Reavis and N. J. Aiken. Ref: Reavis, W. C., and Aiken, N. J. The use of a score card in measuring handwriting. ElemSchJ, 1918, 19, 36–40.

2048. **Practical Handwriting Scales,** by H. D. Rinsland. Range: one scale for each grade 1–8. Dallas, Texas: Practical Drawing Co., 1930.

2049. **Rugg Scale for Measuring Free-Hand Lettering,** by H. O. Rugg. Range: high school and technical schools. Ref: Rugg, H. O. A scale for measuring free-hand lettering. JEdPs, 1915, 6, 24–42.

2050. **Starch-Wise Measuring Scale for Handwriting,** by D. Starch and C. T. Wise. Range: grades 1–8. Madison, Wisc.: University Cooperative Co., 1919.

2051. **Thorndike Scale for Measuring the Handwriting of Children,** by E. L. Thorndike. Range: grades 2–8. New York: Bureau of Publications, Teachers College, Columbia University, 1910, 1912. Ref: Thorndike, E. L. Handwriting. TCRec, 1910, 11, 1–81.

2052. **Thurstone Lettering Test,** by L. L. Thurstone. Ref: Smith, H. L., and Wright, W. W. Second revision of the bibliography of educational measurements. Bulletin of the School of Education, Indiana University, 1927, 4, No. 2.

2053. **An Instrument for Recording Handwriting Pressure,** by P. E. Vernon. Ref: Vernon, P. E. A new instrument for recording handwriting pressure. BrJEdPs, 1934, 4, 310–316.

2054. **American Handwriting Scale,** by P. V. West. Range: grades 2–8. Chicago: A. N. Palmer Co., 1929.

2055. **West Chart for Diagnosing Elements of Handwriting,** by P. V. West. Range: elementary and high school. Bloomington, Ill.: Public School Publishing Co., 1926. Ref: West, P. V. Remedial and follow-up work bulletins on handwriting. Bloomington, Ill.: Public School Publishing Co.

2056. **Winnetka Manuscript Writing Scales.** Range: grades 1–3, one scale for each grade. Winnetka, Ill.: Winnetka Public Schools, 1929.

2057. **Witham Scale for Rating Handwriting,** by E. C. Witham. Ref: Witham, E. C. The most accurate measure of handwriting. EdAdSup, 1920, 6, 150–158.

2058. **Zaner's Handwriting Scale,** by C. P. Zaner. Range: grades 1–12. Columbus, Ohio: Zaner and Bloser Company, 1917.

The following items have incomplete references or are not available:

2059. **Ayres' Handwriting Scale: Three-Slant Edition,** by L. P. Ayres. New York: Russell Sage Foundation, 1912. (Out of print.)

2060. **Courtis Standard Supervisory Handwriting Test: Form A,** by S. A. Courtis. Range: grades 3–8. Detroit: S. A. Courtis, 1918. (Not available).

2061. **Courtis Standard Research Tests in Handwriting: Series W,** by S. A. Courtis. Range: grades 3–8. Detroit: S. A. Courtis, 1917. (Not available.)

2062. **Courtis Handwriting Samples of Known Value,** by S. A. Courtis. Detroit: S. A. Courtis, 1919. (Not available.)

2063. **Fordyce's Directions for Measuring the Quality and Speed in Handwriting,** by C. Fordyce. Range: grades 2–8. Lincoln: Extension Division, University of Nebraska, 1918. (Not available.)

2064. **Frasier's Writing Scale,** by G. W. Frasier. Range: grades 2–8. Cheney, Washington: Normal Bookstore, 1921. (Out of print.)

2065. **Gilchrist Handwriting Scale,** by E. P. Gilchrist. Pensacola, Fla.: E. P. Gilchrist, 1920. (Not available.)

2066. **Hertzberg Handwriting Scale for Beginners**, by O. E. Hertzberg. Ref: Hertzberg, O. E. Comparative study of methods used in teaching beginners to write. TCConEd, 1926, No. 214. (Out of print.)

2067. **Holmes Penmanship Test**, by H. W. Holmes. Range: grades 2–8. Cambridge, Mass.: H. W. Holmes, Harvard University. (Not available.)

2068. **Harris Teachers College Score Card for Measurement of Handwriting**, by H. C. Miller and F. L. Willey. St. Louis, Mo.: Harris Teachers College. (Not available.)

2069. **Courtis Standard Research Tests in Handwriting, Form A (Detroit Performance Scale)**, by L. A. Shaw and S. A. Courtis. Range: grades 3–8. Detroit: S. A. Courtis, 1919. (Out of print.)

2070. **East Orange Samples for Rating Handwriting**, by F. M. Smith. Range: grades 4–8. East Orange, N. J.: Board of Education, 1925. (Not available.)

2071. **Starch Scale for Measuring Handwriting**, by D. Starch. Range: grades 1–8. Cambridge, Mass.: D. Starch, 1919. (Not available.)

HOME ECONOMICS—HOUSEHOLD ARTS

2072. **Uniform Departmental Household Arts Examination**, by Staff Members of Atlanta, Georgia Schools. Range: grade 7A. Ref: Ruch, G. M., and Rice, G. A. Specimen objective examinations. Chicago: Scott, Foresman and Co., 1931, 293–297.

2073. **Bowman and Trilling Information and Reasoning Test in Textiles and Clothing**, by L. F. Bowman and M. B. Trilling. Range: high school. Ref: Bowman, L. F., Trilling, M. B., Miller, E., Knapp, C. B., Bell, V., Williams, F., Rugg, B., with collaboration of H. O. Rugg. Home economics in American schools. Chicago: University of Chicago, Department of Education Monograph, 1920, Chapter 7.

2074. **Broom-Lovelace Home Mechanics Test**, by E. Broom and L. H. Lovelace. Ref: Broom, E., and Lovelace, L. H. A study of a test in home mechanics. HSTea, 1927, 3, 262–263.

2075. **Davis Achievement Scale in Household Science**, by M. E. Davis. Range: grades 8 and 9. Boston: Ginn and Co., 1928.

2076. **Denver Curriculum Test in Home Economics**. Range: grade 7B. Denver, Colo.: Denver Public Schools, 1926.

2077. **Detroit Domestic Science Tests—Household Mechanics**, by G. P. McAdam. Range: high school. Detroit, Mich.: Detroit Public Schools, 1921.

2078. **Engle-Stenquist Home Economics Tests**, by E. M. Engle and J. L. Stenquist. Range: grades 5–9. Household management, foods and cookery, clothing and textiles. Yonkers, N. Y.: World Book Co., 1931.

2079. **Frear-Coxe Clothing Test**, by F. D. Frear and W. W. Coxe. Range: high school girls after from one to four semesters in elementary dressmaking. Bloomington, Ill.: Public School Publishing Co., 1928.

2080. **Home Economics Test**, by S. E. Gillette and M. L. Hale. Range: grade 7B. Ref: Ruch, G. M., and Rice, G. A. Specimen objective examinations. Chicago: Scott, Foresman and Co., 1931, 288–293.

2081. **Goodspeed-Dodge Preliminary Judgment Test in Home-making**, by H. Goodspeed and B. Dodge. Range: grades 8 through high school. Madison, Wisc.: The Parker Co., 1920.

2082. **Food Selection and Preparation: Foods I: State High School Tests for Indiana**, by L. B. Hadley. Lafayette, Ind.: Division of Educational Reference, Purdue University. New form each year.

2083. **Clothing I: State High School Tests for Indiana**, by L. B. Hadley, edited by H. H. Remmers. Range: one semester of dressmaking. Lafayette, Ind.: Division of Educational Reference, Purdue University. New form each year.

2084. **General Home Economics Test: Clothing, Home Relation, and Social Usage: State High School Tests for Indiana,** by L. B. Hadley. Range: second semester of home economics. Lafayette, Ind.: Division of Educational Reference, Purdue University. New form each year.

2085. **General Home Economics Test: The House, Child Development, and Food: State High School Tests for Indiana,** by L. B. Hadley. Range: first semester of home economics. Lafayette, Ind.: Division of Educational Reference, Purdue University. New form each year.

2086. **Home Economics Information Test,** prepared under the auspices of the Department of Household Arts, School of Practical Arts, Teachers College, Columbia University. Range: girls completing the eighth grade. Clothing, foods, and other problems of the home. New York: Dept. of Household Arts, Teachers College, Columbia University, 1922.

2087. **Illinois Food Test (An Information Test),** by Test Committee of the Illinois Home Economics Association, A. B. Robinson, Chairman. Range: high school students in home economics. Bloomington, Ill.: Public School Publishing Co., 1924.

2088. **Kansas State Teachers College Every Pupil Scholarship Clothing Test.** Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College. New form each year.

2089. **Foods: Every Pupil Scholarship Test,** by M. E. Swanson. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College. New form each year.

2090. **King-Clark Foods Test for Grades 6 through 12,** by F. B. King and H. F. Clark. Range: grades 6 through 12. Yonkers, N. Y.: World Book Co., 1926.

2091. **Test in Ninth Grade Foods Course,** by L. Kramer, L. Bohnhoff, and E. Shotola. Range: ninth grade. Ref: Ruch, G. M., and Rice, G. A. Specimen objective examinations. Chicago: Scott, Foresman and Co., 1931, 283–287.

2092. **Leary-Dry Technical Information Test for Girls,** by D. B. Leary and R. R. Dry. Range: girls studying home economics. Chicago: C. H. Stoelting Co., 1924.

2093. **Ninth Year Home Economics: Manchester Semester-End Achievement Tests.** Range: first and second semesters. North Manchester, Ind.: Bureau of Tests and Measurements, Manchester College. New forms each semester.

2094. **Murdoch Analytic Sewing Scale for Separate Stitches,** by K. Murdoch. Range: grades 2–12. New York: Bureau of Publications, Teachers College, Columbia University, 1922.

2095. **Murdoch Sewing Scale,** by K. Murdoch. Range: grades 2–12. New York: Bureau of Publications, Teachers College, Columbia University, 1919.

2096. **Newkirk-Stoddard Home Mechanics Test,** by L. V. Newkirk and G. D. Stoddard. Iowa City: Bureau of Educational Research and Service, State University of Iowa, 1928.

2097. **Unit Scales of Attainment in Foods and Household Management,** by E. B. Reeve and C. M. Brown. Range: junior high school. Minneapolis, Minn.: Educational Test Bureau, 1932.

2098. **Measurement of Informational Facts in Food Study,** by J. Richmond. Range: high school. Ref: Richmond, J. Measurement of informational facts in food study. JHomeEco, 1925, 17, 657–661.

2099. **Home Economics—Foods: Multiple-Purpose Objective Tests in High School Subjects,** by A. B. Robinson, and edited by C. W. Odell. Oklahoma City, Okla.: Webb-Duncan Publishing Co., 1934.

2100. **Stevenson-Trilling Tests in Comprehension of Patterns,** by L. Stevenson and M. B. Trilling. Range: grades 6–12. Bloomington, Ill.: Public School Publishing Co., 1927.

2101. **Stiebeling-Worcester Chart for Diagnosing Defects in Buttonholes,** by H. K. Stiebeling and D. A. Worcester. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College, 1922.

2102. **Streeter-Trilling Test at the Completion of Food Preparation Courses in the Junior High School,** by N. Streeter and M. B. Trilling. Range: junior high school. Bloomington, Ill.: Public School Publishing Co., 1927.

2103. **Scale for Evaluating Student-Efficiency in the Home Economics Laboratory,** by O. C. Trimble and M. G. McFarland. Lafayette, Ind.: Division of Educational Reference, Purdue University, 1935.

2104. **Williams and Knapp Scale for Measuring Skill in Machine Sewing,** by F. Williams and C. B. Knapp. Range: elementary and high school. Ref: Trilling, M. B., Miller, E., Knapp, C. B., Bowman, L. F., Bell, V., Williams, F., Rugg, B., with the collaboration of H. O. Rugg. Home economics in American schools. Chicago: University of Chicago, Department of Education Monograph, 1920.

2105. **Indianapolis Sewing Machine Test.** Used in Indianapolis Public Schools. (Not available for general distribution.)

INDUSTRIAL ARTS, MECHANICAL DRAWING, PRINTING

2106. **Objective Measurements in Shop Courses,** by L. D. Anderson. Ref: Anderson, L. D. Objective measurements in shop courses. IndAMag, 1926, 15, 263–267.

2107. **Badger Mechanical Drawing Tests, 1, 2 and 3,** by A. J. Badger. Bloomington, Ill.: Public School Publishing Co., 1929.

2108. **Mechanical Drawing Performance Test,** by E. W. Baxter. Range: high school. Milwaukee, Wisc.: Bruce Publishing Co., 1935.

2109. **Examination in Machine Shop Practice,** by H. G. Bellus. Ref: Ruch, G. M., and Rice, G. A. Specimen objective examinations. Chicago: Scott, Foresman and Co., 1931, 307–317.

2110. **Mechanical Drawing Test,** by D. W. Castle. Range: high school, trade and technical schools. Peoria, Ill.: Manual Arts Press, 1928.

2111. **Mechanical Drawing Scale,** by Christy. Ref: Smith, H. J. Objective measurement in industrial education. IndEdMag, 1930, 31, 334.

2112. **Tests of Mechanical Drawing Skills,** by A. W. Duwelius. Ref: Duwelius, A. W. Measuring mechanical drawing skills. IndEdMag, 1927, 29, 16–17.

2113. **Mechanical Drawing Tests,** by A. Flam. Ref: Ruch, G. M., and Rice, G. A. Specimen objective examinations. Chicago: Scott, Foresman and Co., 1931, 317–324.

2114. **Mechanical Drawing Tests,** by F. A. P. Fischer. Range: grades 9–10. Milwaukee, Wisc.: Bruce Publishing Co., 1929.

2115. **Tests in Industrial Arts,** by C. Hanson-Tybjerg. Ref: Hanson-Tybjerg, C. Differences in talents and abilities of young people. JApPs, 1929, 13, 451–468.

2116. **Hunter Shop Tests, Series 1 and 2,** by W. L. Hunter. Range: for students studying manual arts. Peoria, Ill.: Manual Arts Press, 1927.

2117. **Industrial Arts: Every Pupil Scholarship Test,** by C. L. Jackson. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College. New form each year.

2118. **Achievement Test in Printing,** by R. H. Landis. Range: 1 term of high school printing. Charleston, Ill.: R. H. Landis, Eastern Illinois State Teachers College, 1934. Ref: Landis, R. H. The construction and validation of an achievement test in printing. Iowa City: Unpublished master's thesis, Iowa State College, 1934.

2119. **Leavitt's Preliminary Tests for Manual Arts,** by F. M. Leavitt. Range: grades 1–8. Milwaukee, Wisc.: Bruce Publishing Co. Ref: Leavitt, F. M. Standard measurement for manual arts. IndAMag, 1919, 8, 132–138.

2120. **Ninth Grade Industrial Arts: Manchester Semester-End Achievement Tests,** by O. W. Neher, L. F. Jackson, and G. Rohrer. Range: first, second semesters. North Manchester, Ind.: Bureau of Tests and Measurements, Manchester College. New form each semester.

2121. **True-False Test in Elementary Mechanical Drawing,** by H. F. Morehead. Ref: Ruch, G. M., and Rice, G. A. Specimen objective examinations. Chicago: Scott, Foresman and Co., 1931, 298–302.

2122. **A Diagnostic Test in Mechanical Drawing,** by L. A. Mundree. Ref: Mundree, L. A. A diagnostic test in mechanical drawing. High Points, 1935, 17, 48–50.

2123. **Nash-Van Duzee Industrial Arts Tests for Mechanical Drawing,** by H. B. Nash and R. R. Van Duzee. Range: junior and senior high school. Milwaukee, Wisc.: Bruce Publishing Co., 1927.

2124. **Nash-Van Duzee Industrial Arts Test: Woodwork, Scales A, B,** by H. B. Nash and R. R. Van Duzee. Range: junior and senior high school. Milwaukee, Wisc.: Bruce Publishing Co., 1928. Also, Minneapolis: Educational Test Bureau.

2125. **Testing and Rating Techniques in Industrial Education,** by L. Newkirk and H. Greene. Ref: Newkirk, L., and Greene, H. Tests and measurements in industrial education. New York: John Wiley and Sons, 1935.

2126. **Objective Examination in Cabinet Making,** by C. E. Rust. Ref: Ruch, G. M., and Rice, G. A. Specimen objective examinations. Chicago: Scott, Foresman and Co., 1931, 302–307.

2127. **Mechanical Drawing Test,** by C. Schoonover, C. L. Jackson, and H. E. Schrammel. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College.

2128. **Spink Grading Chart for Mechanical Drawing,** by P. N. Spink. Range: elementary and high school. Faribault, Minn.: Safety Electric Heater Co., 1921.

2129. **Tests for Mechanical Drawing Aptitude,** by E. G. Stoy. Ref: Stoy, E. G. Tests for mechanical drawing aptitude. PerJ, 1927, 6, 93–101.

2130. **Additional Tests for Mechanical Drawing Aptitude,** by E. G. Stoy. Ref: Stoy, E. G. Additional tests for mechanical drawing aptitude. PerJ, 1928, 6, 361–366.

2131. **Wells-Laubach Industrial Arts Tests: Woodwork, Printing, Machine Shop, Mechanical Drawing,** by G. K. Wells and M. L. Laubach. Range: high school. Peoria, Ill.: Manual Arts Press, 1929.

2132. **Wright Achievement Test in Mechanical Drawing,** by H. M. Wright. Range: high school or beginning courses in college. Bloomington, Ill.: Public School Publishing Co., 1931.

The following items are not available or have incomplete references:

2133. **Hudson-Bursch Manual Arts Test,** by J. F. Bursch and W. H. Hudson. Sacramento, Calif.: J. F. Bursch, Department of Research and Student Personnel, Sacramento City School Department, 1924–1925. (Out of print.)

2134. **Information Test in Woodwork,** by Jackson Public Schools. Jackson, Mich.: West Intermediate Press. (Not available.)

2135. **Partrick's Industrial Arts Test,** by C. D. Partrick. Range: grades 7–9. Bloomington, Ill.: Public School Publishing Co., 1923. (Out of print.)

2136. **Three Minute Tests in Mechanical Drawing,** by W. W. Sturtevant. Minneapolis: South High School. (Not available.)

2137. **Test of Knowledge of Tools**, by C. A. Wardner. Range: industrial classes above grade 8. Jackson, Michigan: C. A. Wardner, 1919. (Not available.)

2138. **Indiana Industrial Arts Test**, by W. W. Wright. Range: grades 7 and 8. Bloomington: University of Indiana. (Not available.)

MATHEMATICS

General, Prognosis and Aptitude

2139. **Butler Test for Mathematical Concepts**, by C. H. Butler. Columbia, Mo.: C. H. Butler, 1930. Ref: Butler, C. H. Mastery of certain mathematical concepts by pupils at the junior high school level. Columbia, Mo.: Doctor's Dissertation on file at University of Missouri, 1931.

2140. **Cooperative General Mathematics Test for High School Classes**, by H. T. Lundholm, and L. P. Siceloff. Range: 2–4 years of mathematics in grades 9–12. New York: Cooperative Test Service, 1933–1937.

2141. **Cooperative General Mathematics Test for College Students**, by H. T. Lundholm, and L. P. Siceloff. Range: 3–4 years of mathematics in high school. New York: Cooperative Test Service, 1933–1936.

2142. **Cooperative Mathematics Pre-Test for College Students**, by R. Beatley, E. W. Chittenden, A. R. Crathorne, L. L. Dines, and M. M. Johnson. New York: Cooperative Test Service, 1937.

2143. **Denver Curriculum Tests in Mathematics.** Range: grades 7–9. Denver, Colo.: Denver Public Schools, 1927.

2144. **Detroit Examinations in Mathematics.** Range: high schools. Detroit, Mich.: Detroit Public Schools, 1927.

2145. **A Graphic Matching Test for Properties of Frequency Distribution**, by K. Hevner. Ref: Hevner, K. A graphic matching test for properties of frequency distributions. JEdR, 1931, 24, 365–371.

2146. **Plymouth Educational Tests, No. 113A, Perception of the Length of Lines**, by J. E. McDade. Range: grades 5–8. Chicago: Plymouth Press, 1920.

2147. **Plymouth Educational Tests, No. 111A, Equal Angles**, by J. E. McDade. Range: grades 5–8. Chicago: Plymouth Press, 1920.

2148. **Plymouth Educational Tests, No. 112A, Equal Rectangles**, by J. E. McDade. Range: grades 5–8. Chicago: Plymouth Press, 1920.

2149. **General High School Mathematics: Manchester Semester-End Achievement Tests**, by J. E. Dotterer, A. P. Noe, and J. A. Reising. Range: first semester. North Manchester, Ind.: Bureau of Tests and Measurements, Manchester College.

2150. **Rogers Tests for Diagnosing Mathematical Ability**, by A. L. Rogers. Range: grade 9. New York: Bureau of Publications, Teachers College, Columbia University, 1918.

2151. **A New Test to Measure Mathematical Thought**, by F. Staber. Ref: Staber, F. Ein neuer Test für die Prüfung mathematischen Denkens. Virteljahrschrift für Jugendkindheit, 1933, 4, 222–223.

2152. **Progressive Mathematics Test**, by E. W. Tiegs and W. W. Clark. Range: grades 9–13. Hollywood, Calif.: Southern California School Book Depository, 1934.

2153. **Mathematics Test: Senior Survey Tests**, by R. W. Tyler. Range: grade 12. Columbus, Ohio: Ohio Scholarship Tests, Department of Education, State University of Ohio, 1934–35.

2154. **Tests of Mathematical Knowledge and Natural Science**, by H. Winkler. Ref: Winkler, H. Tests für das mathematische und naturwissenschaftliche Gebiet. PdPsArb, 1924, 13, 101–116.

2155. **Kelley's Mathematical Values Test**, by T. L. Kelley. Range: grades 8–12. New York: Bureau of Publications, Teachers College, Columbia University, 1920. (Not available.)

See also addenda, Tests 4204, 4215.

Algebra

2156. **Ballard's Algebra Test**, by P. B. Ballard. Range: 1–4 years of algebra study. Ref: Ballard, P. B. Mental and scholastic tests. London: P. S. King and Son.

2157. **Philadelphia Diagnostic Test in Algebra**, by P. A. Boyer. Range: grade 9. Philadelphia, Pa.: Division of Educational Research, Philadelphia Public Schools, 1927.

2158. **Breslich Algebra Survey Tests**, by E. R. Breslich. Range: first and second semesters. Bloomington, Ill.: Public School Publishing Co., 1931.

2159. **First Year Algebra Tests**, by N. Carman. Oklahoma City, Okla.: Harlow Publishing Co., 1929, 1930.

2160. **Childs' Algebra Test**, by H. G. Childs. Range: first-year algebra. Bloomington, Ill.: Public School Publishing Co., 1917.

2161. **Columbia Research Bureau Algebra Test**, by J. B. Orleans, J. S. Orleans, A. S. Otis, and B. D. Wood. Range: Test I, first half year of algebra; Test II, first year algebra. Yonkers, N. Y.: World Book Co., 1927, 1929.

2162. **Colvin-Schrammel Algebra Test**, by E. S. Colvin and H. E. Schrammel. Range: Test I, first semester, Test II, second semester. Emporia, Kansas; Bureau of Educational Measurements, Kansas State Teachers College, 1937.

2163. **Cooperative Algebra Test (Elementary Algebra through Quadratics)**, by J. A. Long, L. P. Siceloff, and H. T. Lundholm. New York: Cooperative Test Service, 1932–1937.

2164. **Cooperative College Algebra Test**, by R. Beatley, E. W. Chittenden, A. R. Crathorne, L. L. Dines, and M. M. Johnson. Experimental Form A. New York: Cooperative Test Service, 1937.

2165. **Cooperative Intermediate Algebra Test (Quadratics and Beyond)**, by J. A. Long, and L. P. Siceloff. New York: Cooperative Test Service, 1933–1937.

2166. **Dalman-Wentz Algebra Hurdles**, by M. A. Dalman and E. K. Wentz. Range: grades 8 and 9. Bloomington, Ill.: Public School Publishing Co., 1926. Ref: Dalman, M. A. Hurdles: a series of calibrated objective tests in first year algebra. JEdR, 1920, 1, 47–62.

2167. **Mathematics 2 and 3, Final Examination**, by Department of Instructional Research, Detroit Public Schools. Ref: Ruch, G. M., and Rice, G. A. Specimen objective examinations. Chicago: Scott, Foresman and Co., 1931, p. 220–223.

2168. **Douglass Standard Diagnostic Tests for Elementary Algebra**, by H. R. Douglass. Range: grades 9 and 10. Cincinnati, Ohio: C. A. Gregory Co., 1921, 1924. Ref: Douglass, H. R. A series of standardized diagnostic tests in the fundamentals of elementary algebra. JEdRes, 1921, 4, p. 396.

2169. **Douglass Standard Survey Tests for Elementary Algebra**, by H. R. Douglass. Range: separate tests for first two semesters of algebra. Cincinnati, Ohio: C. A. Gregory Co., 1928.

2170. **Garman-Schrammel Third Semester Algebra Test**, by H. R. Garman and H. E. Schrammel. Range: third semester in high school. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College, 1934.

2171. **Algebra Monthly Survey Test**, by R. R. Goff. Range: grades 9–12. Boston: The Palmer Co., 1928.

2172. **Diagnostic Tests and Remedial Drills in First Course Algebra**, by W. W. Hart. Range: grade 9. Boston: D. C. Heath and Co., 1929.

2173. **First Year Algebra: Multiple-Purpose Objective Tests in High School Subjects**, by G. Hendrix, R. W. Newcomb, and edited by C. W. Odell. Oklahoma City, Okla.: Webb-Duncan Publishing Co., 1932–1933.

2174. **Hotz First-Year Algebra Scales**, by H. G. Hotz. Range: first-year algebra. New York: Bureau of Publications, Teachers College, Columbia University, 1918.

2175. **First Year Algebra Test: State High School Tests for Indiana,** by W. F. Totten. Range: first and second semesters. Lafayette, Ind.: Division of Educational Reference, Purdue University. New form each year.

2176. **Advanced Algebra Test: State High School Tests for Indiana,** by M. R. Chandler, et al. Range: second year of high school algebra. Lafayette, Ind.: Division of Educational Reference, Purdue University. New form each year.

2177. **Indiana Algebra Achievement Test,** by W. W. Wright and H. Littell. Bloomington, Ind.: Bureau of Cooperative Research, Indiana University, 1930.

2178. **Iowa Algebra Aptitude Test,** by H. A. Greene and A. H. Piper. Range: first year algebra. Iowa City: Bureau of Educational Research and Service, University of Iowa, 1931.

2179. **Iowa Every Pupil Academic Contest Examination in First Year Algebra.** Iowa City: University of Iowa, 1929–1931.

2180. **Every-Pupil Test in Ninth Year Algebra: Seventh and Eighth Iowa Every-Pupil Testing Program,** by H. T. Lundholm. Range: grade 9. Iowa City: Bureau of Educational Research and Service, Extension Division, State University of Iowa, 1935, 1936. Ref: Lundholm, H. T. (Edited by E. F. Lindquist.) The every-pupil tests in mathematics. Supplement to University of Iowa Bulletin, New Series No. 716. Iowa City: University of Iowa, 1933.

2181. **Iowa Unit-Achievement Tests in First Year Algebra,** by H. A. Greene and A. H. Piper. Range: first year algebra. Iowa City: Bureau of Educational Research and Service, University of Iowa, 1931.

2182. **Kansas State Teachers College Scholarship Contest Algebra Test.** Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College, 1927.

2183. **Lee Test of Algebraic Ability,** by J. M. Lee. Range: students beginning first-year algebra. Bloomington, Ill.: Public School Publishing Co., 1930.

2184. **Los Angeles Test in Algebra.** Range: grade 9A. Los Angeles, Calif.: Board of Education, 1919.

2185. **First Year High School Algebra: Manchester Semester-End Achievement Tests,** by J. E. Dotterer, A. P. Noe, L. J. Yoder, J. A. Reising, and A. E. Harshbarger. Range: first and second semesters. North Manchester, Ind.: Bureau of Tests and Measurements, Manchester College. New form each semester.

2186. **Advanced Algebra: Manchester Semester-End Achievement Tests,** by J. E. Dotterer, A. P. Noe, L. J. Yoder, and A. E. Harshbarger. Range: first semester. North Manchester, Ind.: Bureau of Tests and Measurements, Manchester College. New form each year.

2187. **Illinois Standardized Algebra Test,** by W. S. Monroe and L. W. Williams. Range: first-year algebra students. Bloomington, Ill.: Public School Publishing Co., 1920.

2188. **Orleans Algebra Prognosis Test,** by J. B. Orleans and J. S. Orleans. Range: high school and college. Yonkers, N. Y.: World Book Co., 1928. Ref: Orleans, J. B., and Orleans, J. S. A study of prognosis in high school algebra. MathTea, 1929, 22, 23–30.

2189. **Phillips Algebra Tests,** by F. M. Phillips. Range: first-year college. 1914. Ref: Smith, H. L., and Wright, W. W. Second revision of the bibliography of educational measurements. Bulletin of the School of Education, Indiana University, 1927, 4, No. 2.

2190. **South Pasadena Prognostic Tests in Algebra—8A Mathematics Reasoning and Mechanics Tests.** Ref: Ayres, G. H. Predicting success in algebra. SchSoc, 1934, 39, 17–18.

2191. **Second Course in Algebra: Comprehensive Tests in High School Subjects,** by A. Walston; edited by G. C. Wells. Oklahoma City, Okla.: Harlow Publishing Co., 1932.

2192. **Elementary Algebra: Every Pupil Test,** by O. M. Welch and J. D. Teller. Range: high school. Columbus, Ohio: Ohio Scholarship Tests, Department of Education, State of Ohio, 1935.

2193. **Wisconsin Algebra Test,** by Bureau of Records and Guidance and the Department of Mathematics, University of Wisconsin; edited by T. L. Torgerson for the Wisconsin Achievement Testing Program. Range: high school. Milwaukee, Wisc.: E. M. Hale and Co., 1935.

The following items are out of print or not available:

2194. **Coleman's Scale in Algebra,** by W. H. Coleman. Range: first-year algebra. Lincoln: Extension Division, University of Nebraska, 1916. (Not available.)

2195. **Institute of Educational Research Algebra Test.** Form A—Elementary algebra to quadratics; Form B—Quadratics and beyond. New York: Bureau of Publications, Teachers College, Columbia University, 1922. (Not available.)

2196. **Monroe Standardized Research Tests in Algebra,** by W. S. Monroe. Range: secondary schools. Emporia, Kansas: Kansas State Teachers College, 1915. (Out of print.)

2197. **Rugg-Clark Standardized Tests in First-Year Algebra,** by H. O. Rugg and J. R. Clark. Range: first year algebra. New York: H. O. Rugg, 1918. (Not available.)

2198. **Stromquist's Algebra Tests,** by C. E. Stromquist. Range: high school. Laramie: University of Wyoming, 1918. (Not available.)

See also addenda, Test 4219.

Arithmetic

See also: Achievement tests, general and composite, pp. 84–89; commercial arithmetic, pp. 94–95.

2199. **Los Angeles Diagnostic Tests: Fundamentals of Arithmetic,** by C. Armstrong and W. W. Clark. Range: grades 2–8. Los Angeles, Calif.: Southern California School Book Depository, 1925.

2200. **Los Angeles Diagnostic Tests: Reasoning in Arithmetic,** by C. Armstrong. Range: grades 3–9. Los Angeles, Calif.: Southern California School Book Depository, 1926.

2201. **Los Angeles Diagnostic Tests: Signs, Symbols and Vocabulary of Arithmetic,** by C. Armstrong. Range: grades 3–9. Los Angeles, Calif.: Southern California School Book Depository, 1928.

2202. **Ballard's Arithmetic Tests,** by P. B. Ballard. Ref: Ballard, P. B. The new examiner. London: Hodder and Stoughton, 1927.

2203. **Blackie's Adaptable Arithmetic Tests.** Range: classes 4–7. London: Blackie and Co.

2204. **Blackie's Experimental Arithmetic Tests.** Books 1–6. London: Blackie and Co.

2205. **Boston Research Tests in Arithmetic.** Range: test in problems, grades 4–8; test in common fractions, grades 6–8. Boston: Department of Educational Investigation and Measurement, Boston Public Schools, 1926.

2206. **Philadelphia Diagnostic and Survey Tests in Arithmetic,** by P. A. Boyer. Range: grades 3–8. Philadelphia, Pa.: Division of Educational Research, Philadelphia Public Schools, 1926.

2207. **Diagnostic Test in Arithmetic Reasoning: The Harlow Objective Tests,** by R. H. Boyer and J. G. Harlow, edited by V. E. Harlow. Range: grade 7. Oklahoma City, Okla.: Harlow Publishing Co., 1936.

2208. **Breslich Mathematical Achievement Tests,** by E. R. Breslich. Range: grade 10. New York: Laidlaw Brothers.

2209. **Analytical Scales of Attainment in Arithmetic**, by L. J. Brueckner, M. Kellogg, and M. J. Van Wagenen. Range: Division 1, grades 3–4; Division 2, grades 5 and 6; Division 3, grades 7 and 8. Minneapolis, Minn.: Educational Test Bureau, 1932.

2210. **Brueckner Diagnostic Test in Fractions**, by L. J. Brueckner. Range: grades 5–8. Minneapolis, Minn.: Educational Test Bureau, 1926, 1930.

2211. **Brueckner Diagnostic Test in Decimals**, by L. J. Brueckner. Range: grades 5–8. Minneapolis, Minn.: Educational Test Bureau, 1929.

2212. **Brueckner Diagnostic Test in Whole Numbers**, by L. J. Brueckner. Range: 3–8. Minneapolis, Minn.: Educational Test Bureau, 1926.

2213. **Curriculum Tests in Arithmetic Processes**, by L. J. Brueckner. Range: grades 3–8. Separate booklets for each grade. Philadelphia: John C. Winston Co., 1929.

2214. **New Curriculum Tests in Arithmetic Processes**, by L. J. Brueckner. Range: tests for grades 3–8. Philadelphia: John C. Winston Co.

2215. **New Curriculum Tests in Arithmetic Problem Solving**, by L. J. Brueckner. Range: tests for grades 3–8. Philadelphia: John C. Winston Co.

2216. **New Triangle Tests in Arithmetic Problem Solving**, by L. J. Brueckner. Range: tests for grades 3–8. Philadelphia: John C. Winston Co.

2217. **New Triangle Tests in Arithmetic Processes**, by L. J. Brueckner. Range: tests for grades 3–8. Philadelphia: John C. Winston Co.

2218. **Minneapolis Primary Arithmetic Test**, by L. J. Brueckner. Range: grades 3–4. Minneapolis, Minn.: Educational Test Bureau, 1924.

2219. **Buckingham Scales for Problems in Arithmetic**, by B. R. Buckingham. Range: Division I, grades 3–4; Division II, grades 5–6; Division III, grades 7–8. Bloomington, Ill.: Public School Publishing Co., 1919. Ref: Buckingham, B. R. Notes on the derivation of scales in school subjects: with special application to arithmetic. 15th YrbkNaSocSEd, 1916, p. 23–24.

2220. **Number Readiness Test for Pupils Entering Grade One**, by B. R. Buckingham and J. MacLatchy. Ref: Buckingham, B. R., and MacLatchy, J. The number abilities of children when they enter grade one. 29th YrbkNaSocSEd, 1930, Part II.

2221. **Northumberland Standardized Tests, I, Arithmetic**, by C. Burt. London: University of London Press, 1925.

2222. **Tests of Educational Attainments—Arithmetic**, by C. Burt. Ref: Burt, C. Mental and scholastic tests. London: P. S. King and Son, 1921.

2223. **Buswell-John Diagnostic Tests for Fundamental Processes in Arithmetic**, by G. T. Buswell and L. John. Bloomington, Ill.: Public School Publishing Co., 1926.

2224. **Arithmetic Tests**, by R. G. Cameron, H. J. Meldrum, G. E. Phillips, T. T. Roberts and H. P. Willcock. Sydney, New South Wales: Sydney Teachers College, 1924, 1927.

2225. **Dearborn Arithmetic Test**, by V. E. Chase. Range: grades 2–6. Hillsdale, Mich.: Hillsdale School Supply Co., 1935.

2226. **Diagnostic Tests in Arithmetic**, by H. C. Christofferson and W. S. Guiler. (Tests in Decimals, Fractions, Percentage, and Whole Numbers.) Range: grades 4–13. Philadelphia, Pa.: F. A. Davis Co., 1932–1934.

2227. **Diagnostic Test in Practical Measurements**, by H. C. Christofferson and W. S. Guiler. Range: grades 7–13. Philadelphia, Pa.: F. A. Davis Co., 1934.

2228. **Diagnostic Survey Test in Computational Arithmetic**, by H. C. Christofferson and W. S. Guiler. Range: grades 6–12 and first two years of college. Cincinnati, Ohio: C. A. Gregory Co.

2229. **Test of Arithmetical Computation**, by E. Claparède. Ref: Claparède, E. Comment diagnostiquer les aptitudes chez les écoliers. Paris: Flammarion, 1929, p. 293.

2230. **Clapp-Heubner Number Combination Tests**, by F. L. Clapp and B. P. Heubner. Range: grades 2–8. Boston: Houghton Mifflin Co., 1922, 1930.

2231. **Clapp-Young Self-Marking Arithmetic Test**, by F. L. Clapp and R. V. Young. Range: grades 5–8. Boston: Houghton Mifflin Co., 1927, 1930.

2232. **Cleveland Survey Arithmetic Tests**, by S. A. Courtis, L. P. Ayres, G. H. Courtis and C. H. Judd. Range: grades 3–8. Bloomington, Ill.: Public School Publishing Co., 1916.

2233. **Digit Combination**, by Colorado State Normal School. Range: grades 3–8. Gunnison, Colo.: Colorado State Normal School, 1922.

2234. **Compass Diagnostic Tests in Arithmetic**, by G. M. Ruch, F. B. Knight, H. A. Greene, and J. W. Studebaker. Range: grades 2–8. Chicago: Scott, Foresman and Co., 1925.

2235. **Compass Survey Tests in Arithmetic**, by H. A. Greene, F. B. Knight, G. M. Ruch, and J. W. Studebaker. Range: grades 2–4, 4–8. Chicago: Scott, Foresman and Co., 1927.

2236. **Australian Arithmetic Test**, by K. S. Cunningham and W. T. Price. Range: grades 3–8. Carlton, N.3, Victoria, Australia: Melbourne University Press, Melbourne University, 1934. Ref: Cunningham, K. S., and Price, W. T. The standardization of an Australian arithmetic test. Educational Research Series, No. 21, Australian Council for Educational Research. Carlton, N.3. Victoria, Australia: Melbourne University Press, 1934.

2237. **Number Tests for Kindergarten**, by O. J. Decroly and J. Degand. Ref: Decroly, O. J., and Degand, J. Tests bearing on the early ideas of number and quality. (translated and abridged by T. G. Tibbey). ChS, 1913, 6, 125–127.

2238. **DeMay-McCall Standard Test Lessons in Fractions**, by A. J. DeMay and W. A. McCall. New York: Bureau of Publications, Teachers College, Columbia University, 1930.

2239. **Denver Curriculum Tests in Arithmetic.** Range: grades 2–8. Denver, Colo.: Denver Public Schools, 1925.

2240. **Detroit Examinations in Arithmetic**, by Detroit Public Schools. Range: grades 4–8. Detroit, Mich.: Detroit Public Schools, 1922.

2241. **Group Test in Arithmetic Computation and Problem Solving [French]**, by R. Duthil. Ref: Duthil, R. L'education, 1927, 18, 420–426.

2242. **Fassett's Standardized Number Tests**, by J. H. Fassett. Range: grades 4–7. Springfield, Mass.: Milton Bradley and Co., 1914.

2243. **Foran Diagnostic Computation Scale**, by T. G. Foran. Range: Part I, grades 2–4; Part II, grades 5–8. Washington, D. C.: Catholic Education Press, 1925.

2244. **Information Questions, Oral Number Problems.** Ref: Gates, A. I. A modern systematic versus an opportunistic method of teaching. TCRec, 1926, 27, 679–700.

2245. **Grossnickle Test of Concepts Found in Social Uses of Arithmetic**, by F. E. Grossnickle. Range: grade 8. Ann Arbor, Mich.: Edwards Brothers, 1935. Ref: Grossnickle, F. E. Concepts in social arithmetic for eighth grade level. JEdRes, March 1937, 30, 475–488.

2246. **Guhin's Number Test**, by M. M. Guhin. Range: grades 3–8. Aberdeen, S. D.: Hub City School Supply Co., 1927.

2247. **National Arithmetic Scales**, by J. F. Guy. Range: grades 3–9. Mountain Lake Park, Md.: National Publishing Society, 1927.

2248. **Pittsburgh Arithmetic Scale**, by J. F. Guy. Range: grades 3–8. Bloomington, Ill.: Public School Publishing Co., 1921.

2249. **Hildreth Arithmetic Achievement Tests**, by G. H. Hildreth. Range: grades 2–6. New York: Bureau of Publications, Teachers College, Columbia University, 1936.

2250. **Horace Mann Diagnostic Tests**, by M. B. Hillegas, M. G. Peabody and I. M. Baker. Range: grades 2–6. Philadelphia, Pa.: J. B. Lippincott Co.

2251. **Johnson's Diagnostic Tests and Practice Exercises in the Fundamentals of Arithmetic**, by J. T. Johnson. Range: elementary grades. Chicago: Rand McNally and Co., 1926.

2252. **Kansas Primary Arithmetic Test**, by H. E. Schrammel, C. Foster, E. Humble, G. Kemp, and M. Miller. Range: grades 1–3. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College, 1935.

2253. **Kansas Arithmetic Test**, by H. E. Schrammel, R. E. Otterstrom, M. Peak, and D. M. Turner. Range: Test I, grades 3–5; Test II, grades 6–8. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College, 1934.

2254. **Arithmetic: Every Pupil Scholarship Test**, by C. Girod and R. E. Otterstrom. Range: grades 1–3, 4–6, 7–8. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College. New forms each semester.

2255. **Unit Scales of Attainment in Arithmetic**, by M. Kellogg, L. J. Brueckner, and M. J. Van Wagenen. Range: Division 1, grades 3–4; Division 2, grades 5–6; Division 3, grades 7–8. Minneapolis, Minn.: Educational Test Bureau, 1932.

2256. **Knight-McClure Arithmetic Neatness Scale**, by F. B. Knight and W. E. McClure. Range: grades 3–8. Chicago: Scott, Foresman Co., 1927.

2257. **Arithmetic Tests**, by Y. Kubo. Ref: Kubo, Y. The measurement of the arithmetical abilities of school children. Jidokenkyujo, 1918.

2258. **New Birch Rapid Calculation Lessons and Diagnostic Tests**, by A. J. Ladd. Range: grades 9 and 10. Chicago: Lyons and Carnahan, 1924.

2259. **Lazerte Diagnostic Problem-Solving Test in Arithmetic**, by M. E. Lazerte. Range: grades 3–4, 5–6, 7. Separate booklets for each grade. Toronto, Canada: Clarke, Irwin and Co., 1934. Ref: Lazerte, M. E. The development of problem-solving ability in arithmetic. Toronto, Canada: Clarke, Irwin and Co., 1933.

2260. **Lunceford Diagnostic Number Test**, by A. E. Lunceford. Range: grades 1–4. Emporia, Kansas: Kansas State Teachers College, 1920.

2261. **Grand Rapids Informal Arithmetic Test**, by H. K. Mackintosh. Ref: Mackintosh, H. K. How supervisors can help to put pupil promotion on a more scientific basis. EdMeth, 1931, 10, 390–397.

2262. **Metropolitan Primary Arithmetic Test**, by G. H. Hildreth, and edited by J. S. Orleans. Range: grades 1–3. Yonkers, N. Y.: World Book Co., 1933–1935.

2263. **Metropolitan Achievement Tests: Intermediate Arithmetic**, by R. D. Allen, H. H. Bixler, W. L. Connor, and F. L. Connor. Range: grades 4–6. Yonkers, N. Y.: World Book Co., 1936.

2264. **Metropolitan Advanced Arithmetic Test**, by R. D. Allen, H. H. Bixler, W. L. Connor, F. B. Graham, and J. S. Orleans. Range: grades 4–8. Yonkers, N. Y.: World Book Co., 1933–1935.

2265. **Monroe Diagnostic Tests in Arithmetic**, by W. S. Monroe. Range: grades 4–8. Bloomington, Ill.: Public School Publishing Co., 1917.

2266. **Monroe General Survey Arithmetic Scales**, by W. S. Monroe. Range: Scale I, grades 3–5; Scale II, grades 6–8. Bloomington, Ill.: Public School Publishing Co., 1920.

2267. **Monroe Standard Reasoning Tests in Arithmetic**, by W. S. Monroe. Range: tests for grades 4–8. Bloomington, Ill.: Public School Publishing Co., 1918.

2268. **Diagnostic Tests in the Fundamental Operations**, by G. C. Myers. Cleveland, Ohio: Harter School Supply Co., 1926.

2269. **Myers Problem Power Scale**, by G. C. Myers. Range: grades 3–6. Chicago: Plymouth Press, 1922, 1925.

2270. **Arithmetic Tests—Reasoning and Fundamentals: National Achievement Tests,** by R. K. Speer and S. Smith. Range: grades 3–8. Rockville Center, L. I.: Acorn Publishing Co., 1936 (Experimental Edition).

2271. **New Stanford Arithmetic Test,** by T. L. Kelley, G. M. Ruch, and L. M. Terman. Range: grades 2–9. Yonkers, N. Y.: World Book Co.

2272. **New York City Survey Tests in Arithmetic.** New York: Board of Education, Bureau of Reference, Research, and Statistics, Publication No. 25, 1932.

2273. **Birmingham Arithmetic Test,** by I. R. Obenchain. Range: grades 5–8. Birmingham, Ala.: Birmingham Public Schools, 1925.

2274. **Ohio Every Pupil Test in Arithmetic.** Range: grades 3–4, 5–6, 7–8. (New forms each April and December). Columbus, Ohio: Ohio Scholarship Tests, Department of Education, State of Ohio, 1935.

2275. **Wisconsin Supervisory Tests,** by W. J. Osburn. Range: grades 3–8. Eau Claire, Wisc.: Eau Claire Book and Stationery Co., 1923.

2276. **Otis Arithmetic Reasoning Test,** by A. S. Otis. Range: grades 4–12. Yonkers, N. Y.: World Book Co., 1918, 1923.

2277. **Wisconsin Inventory Tests in Arithmetic,** by W. J. Osburn. Range: grades 2–8, 12 tests. Bloomington, Ill.: Public School Publishing Co., 1924.

2278. **Peet-Dearborn Progress Tests in Arithmetic,** by H. E. Peet and W. F. Dearborn. Range: Intermediate Series, grades 4 and 5; Grammar Grade Series, grades 6, 7, and 8. New Series, grades 1–6. Boston: Houghton Mifflin Co., 1920, 1930.

2279. **Plymouth Arithmetic Tests, No. 5A, 6A, 7A, 8A, 11A, 12A, 16A, 17A, 21A, 24A, and 25A,** by J. E. McDade. Range: tests 5A and 6A, grades 2–7; tests 7A, 17A, and 24A, grades 4–8; tests 8A, 11A, 12A, 16A, and 21A, grades 3–8; test 25A, grades 6–8. Chicago: Plymouth Press, 1922.

2280. **Providence Inventory Tests—Arithmetic Fundamentals.** Range: grades 4–8. Providence, R. I.: Providence Public Schools.

2281. **Providence Inventory Tests—Arithmetic Reasoning.** Range: grades 4–8. Providence, R. I.: Providence Public Schools.

2282. **Public School Achievement Test in Arithmetic Computation,** by J. S. Orleans and T. L. Torgerson. Range: grades 3–8. Bloomington, Ill.: Public School Publishing Co.

2283. **Public School Achievement Test in Arithmetic Reasoning,** by J. S. Orleans, and T. L. Torgerson. Range: grades 3–8. Bloomington, Ill.: Public School Publishing Co.

2284. **Reavis-Breslich Diagnostic Tests in the Fundamental Operations of Arithmetic and in Problem Solving,** by W. C. Reavis and E. R. Breslich. Range: grades 7–9. Chicago: University of Chicago Press, 1927.

2285. **Rice Reasoning Tests in Arithmetic,** by J. M. Rice. Ref: Rice, J. M. Scientific management in education. London: G. G. Harrap and Co.

2286. **Phonograph Record Tests in Arithmetic,** by E. L. Ritter. Range: grades 2–4. Mason City, Iowa: H. A. Phillips, Box 315, 1935.

2287. **Robertson Fraction Test,** by M. S. Robertson. Range: grades 4–7. Baton Rouge, La.: M. S. Robertson, 1924.

2288. **British Columbia Test in the Fundamentals of Arithmetic,** by P. Sandiford. Toronto, Canada: University of Toronto Press, 1928.

2289. **Sangren-Reidy Survey Tests in Arithmetic,** by P. V. Sangren, and A. Reidy. Range: Division I, grades 2–3; Division II, grades 4–6; Division III, grades 7–9. Bloomington, Ill.: Public School Publishing Co., 1933.

2290. **Schonell Diagnostic Arithmetic Tests,** by F. J. Schonell. London and Edinburgh: Oliver and Boyd. Also, Toronto, Canada: Clarke, Irwin and Co., 1937. Ref: Schonell, F. J. Diagnosis of individual difficulties in arithmetic. London: Oliver and Boyd, 1937.

2291. **Schorling-Clark-Potter Arithmetic Test: Revised,** by R. Schorling, J. R. Clark, and M. A. Potter. Range: grades 5–12. Yonkers, N. Y.: World Book Co., 1926.

2292. **Showalter's Diagnosis Tests in Arithmetic,** by B. R. Showalter. Ref: Showalter, B. R. Master's Essay, Teachers College, Columbia University, New York, 1928.

2293. **Spencer Diagnostic Arithmetic Test,** by P. L. Spencer. Range: grades 3–8. Cincinnati, Ohio: C. A. Gregory Co., 1924.

2294. **Stevenson Arithmetic Reading (Problem Analysis) Test,** by P. R. Stevenson. Range: Test I, grades 4–6; Test II, grades 7–9. Bloomington, Ill.: Public School Publishing Co., 1923.

2295. **New Stone Reasoning Test in Arithmetic,** by C. W. Stone. Range: grades 4–9. New York: Bureau of Publications, Teachers College, Columbia University, 1927.

2296. **Stone-Hopkins-Brownfield Inventory Tests in Arithmetic,** by J. C. Stone, L. T. Hopkins, and M. W. Brownfield. Chicago: Benjamin H. Sanborn Co., 1930.

2297. **Stormzand Graded Series of Arithmetic Tests,** by M. J. Stormzand. Ref: Glendale, Calif.: Glendale Course of Study.

2298. **Theisen-Woody Parallel Tests,** by W. W. Theisen. Range: addition and subtraction tests, grades 2–8; multiplication and division tests, grades 3–8. Madison, Wisc.: The Parker Co.

2299. **Mathematics Tests,** by H. Thomas. Ref: Thomas, H. Die mathematische Begabung und ihre Prüfung. IndPste, 1929, 6, 157–164.

2300. **Thompson's Minimum Essentials in Arithmetic,** by T. E. Thompson. Range: grades 1–8. Boston: Ginn and Co., 1912.

2301. **Progressive Arithmetic Tests,** by E. W. Tiegs and W. W. Clark. Range: Primary, grades 2–3; Elementary, grades 4–6; Intermediate, grades 7–9. Hollywood, Calif.: Southern California School Book Depository, 1933–1934.

2302. **Arithmetic Test: Fundamental Operations.** Range: grades 4–8. Toronto, Canada: Department of Educational Research, University of Toronto, 1934.

2303. **Upton Inventory Test in Arithmetic,** by C. B. Upton. Range: all grades, elementary school. New York: Bureau of Publications, Teachers College, Columbia University, 1931.

2304. **Woody-Van Wagenen Arithmetic Scales,** by M. J. Van Wagenen. Range: grades 3–8. Bloomington, Ill.: Public School Publishing Co., 1925.

2305. **Victorian Teachers College Test in Arithmetic.** Ref: Victoria, Australia: Victorian Educational Gazette, August and September, 1926.

2306. **Washburne Diagnostic Tests in Arithmetic,** by C. W. Washburne. Range: grades 1–6. Yonkers, N. Y.: World Book Co.

2307. **Seventh and Eighth Grade Arithmetic: Comprehensive Objective Tests in Elementary Subjects for Oklahoma,** by G. C. Wells. Oklahoma City, Okla.: Harlow Publishing Co., 1933.

2308. **Wildeman's Standardized Test in the Fundamental Operations with Common Fractions,** by E. Wildeman. Range: grades 5–8. Chicago: Plymouth Press, 1922.

2309. **Wilson General Survey Tests in Arithmetic,** by G. M. Wilson. Range: grades 5–7. Chicago: University Publishing Co., 1926.

2310. **The Wilson Inventory and Diagnostic Tests in Arithmetic,** by G. M. Wilson. Boston: Spaulding-Moss Co., 42 Franklin St., 1936.

2311. **Final Tests in Fifth, Sixth, and Seventh Grade Arithmetic: Comprehensive Objective Tests for Pupils in Texas,** by M. Wilson, J. J. Wilson, A. L. Long, et al. Range: separate tests for each grade. Oklahoma City, Okla.: Harlow Publishing Co., 1931–1933.

2312. **Winnetka Speed Practice and Tests in Arithmetic.** Winnetka, Ill.: Winnetka Individual Materials, Horace Mann School.

2313. **Witham Standard Arithmetic Tests,** by E. C. Witham. Range: grades 5–9. Newark, N. J.: J. L. Hammett Co., 1922.

2314. **Inventory Test for Readiness in Arithmetic,** by C. Woody. Ref: Woody, C. Arithmetical background of young children. JEdR, 1931, 24, 188–201.

2315. **Woody-McCall Mixed Fundamentals in Arithmetic,** by C. Woody and W. A. McCall. Range: grades 3–8. New York: Bureau of Publications, Teachers College, Columbia University, 1920, 1923.

The following items have incomplete references or are not available:

2316. **Ballou's Achievement of Pupils in Addition of Fractions,** by F. W. Ballou. Boston Board of Education, School Document, 1916, No. 3. (Out of print.)

2317. **Bonser's Arithmetic Reasoning Test,** by F. G. Bonser. New York: Bureau of Publications, Teachers College, Columbia University, 1910. Ref: Bonser, F. G. The selective significance of reasoning ability tests. JEdPs, 1916, 7, 187–200. (Not available.)

2318. **Boston Test in Determining the Achievement of Pupils in Addition, Subtraction, Multiplication, and Division of Fractions,** by Boston Public Schools. Boston: Department of Educational Investigation and Measurement, 1915. (Out of print.)

2319. **Chicago Supervisory Tests, Arithmetic Fundamentals and Arithmetic Reasoning,** by E. E. Keener. Range: grades 3–8. 1928. (Not available.)

2320. **Clapp's Standard School Tests in Upper Grade Arithmetic,** by F. L. Clapp. Range: grades 7 and 8. Ref: Clapp, F. L., and Greene, C. E. A survey of the public schools of Idaho Springs, Colorado, 1918. (Not available.)

2321. **Clark-Somers-Wright Arithmetic Test,** by H. F. Clark, G. T. Somers and W. W. Wright. Range: grades 7 and 8. 1926. (Not available for general distribution.)

2322. **Courtis Standard Research Tests in Arithmetic,** by S. A. Courtis. Range: grades 1 to adult. Detroit, Mich.: S. A. Courtis, 246 Elliot Street, 1908–1934. (Not available.)

2323. **Courtis Standard Research Tests—Addition Combinations,** by S. A. Courtis. Detroit: S. A. Courtis, 246 Elliot Street, 1934. (Not available.)

2324. **Courtis Standard Research Tests—Multiplication Combinations,** by S. A. Courtis. Detroit: S. A. Courtis, 246 Elliot Street, 1934. (Not available.)

2325. **Courtis Standard Research Tests: Series A,** by S. A. Courtis. Range: grades 4–8. Detroit: S. A. Courtis, 1908. (Not available.)

2326. **Courtis Standard Research Tests: Series B,** by S. A. Courtis. Range: grades 3–8. Detroit: S. A. Courtis, 1914. (Not available.)

2327. **Courtis Standard Research Tests; Series X, Control,** by S. A. Courtis. Range: elementary secondary, and college. Detroit: S. A. Courtis. (Out of print.)

2328. **Courtis Standard Supervisory Tests in Arithmetic,** by S. A. Courtis. Range: Test A, grades 4B, 4A, and 5B; Test B, grades 5A–8A. Detroit: S. A. Courtis, 1918. (Not available.)

2329. **Hollywood Arithmetic Test,** by Los Angeles Public Schools. Los Angeles: Department of Educational Research, Los Angeles Public Schools, 1918. (Out of print.)

2330. **I. E. R. Arithmetic Problems, Forms CA and CB.** New York: Institute of Educational Research, Teachers College, Columbia University. (Not generally available.)

2331. **Four Number Tests,** by P. Ranschburg. Mentioned by Stern, W., and Wiegmann, O. Methodensammlung zur Intelligenzprüfung von Kindern und Jugendlichen. Leipzig: J. A. Barth, 1926, p. 231.

2332. **Price's Diagnostic Test of Processes of Working with Common Fractions**, by E. D. Price. Range: grades 6–8. Enid, Oklahoma: Enid Board of Education. (Sample copies only available.)

2333. **Starch's Arithmetical Scale A**, by D. Starch. Range: grades 3–8. Madison: University Cooperative Company, 1915. (Out of print.)

2334. **Stone Arithmetic Test for the Fundamental Operations**, by C. W. Stone. Ref: Stone, C. W. Arithmetical abilities and factors determining them. TCConEd, 1908, No. 19, 9–12. (Out of print.) Replaced by Stone Reasoning Test in Arithmetic.

2335. **Washburne's Column Addition Test**, by C. W. Washburne. Range: grades 3–8. Yonkers, N. Y.: World Book Co. (Out of print.)

2336. **Woody Arithmetic Scales: Series A and B**, by C. Woody. Range: addition and subtraction scales, grades 2–8; multiplication and division scales, grades 3–8. New York: Bureau of Publications, Teachers College, Columbia University, 1916, 1920. (Out of print. Now published as Woody-McCall Mixed Fundamentals.)

Geometry and Trigonometry

2337. **American Council Solid Geometry Test**, by H. W. Raudenbush, L. P. Siceloff, and B. D. Wood. Range: high school and college. Yonkers, N. Y.: World Book Co., 1928.

2338. **American Council Trigonometry Test: Revised**, by J. B. Orleans, H. W. Raudenbush, L. P. Siceloff, and B. D. Wood. Range: high school and college. Yonkers, N. Y.: World Book Co., 1937.

2339. **Unit Tests**, by G. C. Bartoo and E. S. Osborn. To accompany Plane Geometry: A Text-Workbook, by G. C. Bartoo and E. S. Osborn. St. Louis, Mo.: Webster Publishing Co.

2340. **Becker-Schrammel Plane Geometry Test**, by I. S. Becker and H. E. Schrammel. Range: first and second semesters of high school plane geometry. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College, 1934. Ref: Becker, I. S. Construction and standardization of a test in plane geometry. Unpublished master's thesis, Kansas State Teachers College, Emporia, Kansas, 1934.

2341. **Geometry Test**, by J. C. Bell and L. V. Stockard. Ref: Bell, J. C., and Stockard, L. V. A preliminary study of the measurement of abilities in geometry. JEdPs, 1916, 7, 567–580.

2342. **Breslich Plane Geometry Survey Tests**, by E. R. Breslich. Range: first and second semesters. Bloomington, Ill.: Public School Publishing Co., 1931.

2343. **Test in Plane Geometry through Quadrilaterals**, by E. I. Brown. Ref: Ruch, G. M., and Rice, G. A. Specimen objective examinations. Chicago: Scott, Foresman and Co., 1931, 213–220.

2344. **Solid Geometry Test: State High School Tests for Indiana**, by G. H. Happell and G. T. Miller. Range: first semester. Lafayette, Ind.: Division of Educational Reference, Purdue University. New form each year.

2345. **Columbia Research Bureau Plane Geometry Test**, by H. E. Hawkes and B. D. Wood. Range: high school, and college freshmen. Yonkers, N. Y.: World Book Co., 1924, 1926.

2346. **Cooperative Plane Geometry Test**, by J. A. Long and L. P. Siceloff. Range: 1 to 3 semesters of plane geometry. New York: Cooperative Test Service, 1932–1937.

2347. **Cooperative Solid Geometry Test**, by H. T. Lundholm, J. A. Long, and L. P. Siceloff. Range: 1 semester of solid geometry in high school or college. New York: Cooperative Test Service, 1933–1935.

2348. **Cooperative Trigonometry Test**, by J. A. Long and L. P. Siceloff. Range: 1 semester of trigonometry in high school or college. New York: Cooperative Test Service, 1932–1937.

2349. **Mathematics 5 Examination**, by the Department of Instructional Research, Detroit Public Schools. Ref: Ruch, G. M., and Rice, G. A. Specimen objective examinations. Chicago: Scott, Foresman and Co., 1931, 202–212.

2350. **Plane Geometry Tests**, by B. W. Greene. Atlanta, Ga.: Smith, Hammond and Co., 1931.

2351. **Hart's Plane Geometry Tests**, by W. W. Hart. Range: grade 10. Boston: D. C. Heath and Co., 1927.

2352. **Plane Geometry Test: State High School Tests for Indiana**, by W. F. Totten. Range: first and second semesters. Lafayette, Ind.: Division of Educational Reference, Purdue University. New form each semester.

2353. **Solid Geometry: Manchester Semester-End Achievement Tests**, by J. E. Dotterer, A. P. Noe, L. J. Yoder, and A. E. Harshbarger. Range: first semester. North Manchester, Ind.: Bureau of Tests and Measurements, Manchester College. New forms each year.

2354. **Iowa Every Pupil Academic Contest Examination in Plane Geometry.** Iowa City: State University of Iowa, 1929–1931.

2355. **Iowa Plane Geometry Aptitude Test**, by H. A. Greene and H. W. Bruce. Range: high school students who have studied no geometry. Iowa City: Bureau of Educational Research and Service, University of Iowa, 1935. Ref: Bruce, H. W. The comparative validity of certain measures for prognosis in plane geometry. Iowa City: Unpublished Master's Thesis, University of Iowa, 1933.

2356. **Kansas State Teachers College Scholarship Contest Plane Geometry Test.** Range: high school. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College. New form each year.

2357. **Lane-Greene Unit Achievement Tests in Plane Geometry**, by R. D. Lane and H. A. Greene. Range: high school. Boston: Ginn and Company.

2358. **Lee Test of Geometric Aptitude**, by D. M. Lee and J. M. Lee. Range: beginning geometry. Los Angeles, Calif.: Southern California School Book Depository, 1931. Ref: Lee, J. M. The construction and validation of a test of geometric aptitude. MathTea, 1932, 25, 193–203.

2359. **Every-Pupil Test in Plane Geometry: Iowa Every-Pupil Testing Program**, by H. T. Lundholm. Range: high school. Iowa City: Bureau of Educational Research and Service, Extension Division, State University of Iowa. New form each year. Ref: Lundholm, H. T. (Edited by E. F. Lindquist.) The Every-Pupil tests in mathematics. Supplement to University of Iowa Bulletin, New Series, No. 716. Iowa City: University of Iowa, 1933.

2360. **Achievement Test in Solid Geometry**, by L. A. McCoy. Ref: McCoy, L. A. An achievement test in solid geometry. MathTea, 1928, 21, 151–162.

2361. **McMindes Test in Plane Geometry**, by M. E. McMindes. Range: end of high school geometry. Bloomington, Ill.: Public School Publishing Co., 1927.

2362. **First Year Plane Geometry: Manchester Semester-End Achievement Tests**, by J. E. Dotterer, A. P. Noe, J. A. Reising, and A. E. Harshbarger. Range: first and second semesters. North Manchester, Ind.: Bureau of Tests and Measurements, Manchester College. New form each semester.

2363. **Plane Geometry: Comprehensive Tests in High School Subjects**, by D. W. Meagher; edited by G. C. Wells. Oklahoma City, Okla.: Harlow Publishing Co., 1930–1934.

2364. **Minnick Plane Geometry Tests**, by J. H. Minnick. Range: secondary schools. Bloomington, Ill.: Public School Publishing Co., 1919.

2365. **Plane Geometry: Every Pupil Scholarship Test**, by E. S. Sauer and H. Pickett. Range: high school. Columbus, Ohio: Ohio Scholarship Tests, Department of Education, State of Ohio, 1935.

2366. **Orleans Geometry Prognosis Test**, by J. B. Orleans and J. S. Orleans. Range: high school and college. Yonkers, N. Y.: World Book Co., 1929.

2367. **Orleans Plane Geometry Achievement Test**, by J. B. Orleans and J. S. Orleans. Range: first and second semesters. Yonkers, N. Y.: World Book Co., 1929.

2368. **Perry Geometry Tests**, by R. D. Perry. Range: plane geometry classes. Lafayette, Ind.: Lafayette Publishing Co., 1927.

2369. **Plane Geometry—Circles**, by M. A. Potter, F. Enright, and D. Root. Ref: Ruch, G. M., and Rice, G. A. Specimen objective examinations. Chicago: Scott, Foresman and Co., 1931, 197–202.

2370. **Renfrow Diagnostic Test in Plane Geometry**, by O. W. Renfrow. Cincinnati, Ohio: C. A. Gregory Co., 1926.

2371. **Schorling-Sanford Achievement Test in Plane Geometry**, by R. Schorling and V. Sanford. Range: high school. New York: Bureau of Publications, Teachers College, Columbia University, 1923.

2372. **Seattle Solid Geometry Tests**, by A. Dvorak, M. E. Morgan, and W. T. Wait. Range: high school. Bloomington, Ill.: Public School Publishing Co., 1927.

2373. **Test of Intuitive Geometrical Thinking**, by W. Voight. Range: ages 10–20. Ref: Voight, W. Untersuchungen über den anschaulich-geometrische Denken der 10–20 Jahrigen. ZPädPs, 1921, 22, 33–50.

2374. **Solid Geometry: Comprehensive Objective Tests in High School Subjects**, by A. Walston; edited by G. C. Wells. Oklahoma City, Okla.: Harlow Publishing Co., 1932.

2375. **Webb Plane Geometry Test**, by P. E. Webb. Range: high school geometry. Bloomington, Ill.: Public School Publishing Co., 1926.

2376. **Wisconsin Plane Geometry Test**, by Bureau of Records and Guidance and the Department of Mathematics, University of Wisconsin; edited by T. L. Torgerson for the Wisconsin Achievement Testing Program. Range: high school. Milwaukee, Wisc.: E. M. Hale and Co., 1935.

See also addenda, Test 4218.

The following items are not available:

2377. **Kansas City Geometry Tests**, by O. A. Wood and W. H. Templin. Range: plane geometry classes. Kansas City: Board of Education, Kansas City Public Schools, 1923. (Out of print.)

2378. **Starch and Hemenway Geometry Test**, by D. Starch and H. S. Hemenway. Range: secondary schools. Madison, Wisc.: University Cooperative Co., 1918. (Out of print.)

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See also: Psycho-motor tests, pp. 77–82.

2379. **Motor Ability Test for University Women**, by F. D. Alden, M. O. Horton, and G. M. Caldwell. Ref: Alden, F. D., Horton, M. O., and Caldwell, G. M. A motor ability test for university women for the classification of entering students into homogeneous groups. Research Quarterly of the American Physical Education Association, 1932, 3, 85–120.

2380. **Test of Health Awareness**, by American Child Health Association. Range: grades 4–8. New York: American Child Health Association, 1927–1933. Ref: Physical defects: the pathway to correction. New York: American Child Health Association, 1934.

2381. **Motor Ability Test**, by American Physical Education Association. Springfield, Mass.: American Physical Education Association, 1924. Ref: Motor ability test, by Committee of the American Physical Education Association. AmPhEdRev, November, 1925; 1924, 29, 579–591.

2382. **General Athletic Ability Test**, by W. H. Barrow. Ref: A general athletic ability test. AmPhEdRev, 1928, 29, 506–510.

2383. **Tests for Physical Education**, by J. F. Bovard and F. W. Cozens. Ref: Bovard, J. F., and Cozens, F. W. Tests and measurements in physical education. Philadelphia: W. B. Saunders Co., 1930.

2384. **Philadelphia Survey Test in Health Education**, by P. A. Boyer. Range: grade 8A. Philadelphia, Pa.: Division of Educational Research, Philadelphia Public Schools, 1927.

2385. **Brace Motor Ability Test**, by D. K. Brace. Ref: Brace, D. K. The classification of tests in physical education. AmPhEdRev, December, 1926, 31, 1115–23.

2386. **Testing Basketball Technique**, by D. K. Brace. Ref: Brace, D. K. Testing basketball technique. AmPhEdRev, 1924, 29, 159–165.

2387. **Brewer-Schrammel Test of Health Knowledge and Attitude**, by J. W. Brewer and H. E. Schrammel. Range: grades 4–8. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College, 1935.

2388. **Tests in Ice Hockey**, by H. M. Brown. Ref: Brown, H. M. The game of ice hockey (skill tests). Journal of Health and Physical Education, January, 1935, 6, 55.

2389. **California Physical Ability Tests (Decathlon)**, by California State Board of Education, Department of Physical Education. Range: elementary and high school boys and girls. Sacramento: California State Board of Education, Department of Physical Education, 1921. Ref: Bovard, J. F., and Cozens, F. W. Tests and measurements in physical education, 1861–1925. Eugene Oregon: Oregon University Publication—Physical Education Series, 1926, 1, No. 1, 36–62.

2390. **Standardized Scheme for Scoring in Basketball**, by J. W. Carow. Ref: Carow, J. W. Standardized scheme for scoring in basketball. AmPhEdRev, 1927, 32, No. 8.

2391. **Motor Ability and Fitness Tests**, by V. D. Collins and E. C. Howe. Ref: Collins, V. D., and Howe, E. C. The measurement of organic and neuromuscular fitness. AmPhyEdRev, February, 1927, 29, 64–69.

2392. **Columbia University Examination in Hygiene.** Range: beginning college hygiene classes. New York: Columbia University. On file at the Educational Records Bureau, New York.

2393. **Winter Physical Ability Test**, by Connecticut State Board of Education. Range: grades 5–8. Hartford, Conn.: State Board of Education, 1924.

2394. **The Hurdle Jump as a Test of Motor Coordination**, by E. A. Cowan and B. M. Pratt. Range: ages 3–12. Ref: Cowan, E. A., and Pratt, B. M. The hurdle jump as a developmental and diagnostic test of motor coordination for children from three to twelve years of age. ChDev, 1934, 5, 107–121.

2395. **Achievement Scales in Physical Education for College Women**, by F. W. Cozens and H. J. Cubberley. Ref: Cozens, F. W., and Cubberley, H. J. Achievement scales in physical education for college women. Research Quarterly, American Physical Education Association, March, 1935, 6, 14–23.

2396. **Achievement Scales in Physical Education Activities for Secondary School Girls and College Women**, by F. W. Cozens et al. New York: A. S. Barnes, 1937.

2397. **Physical Education Achievement Scales for Boys in Secondary Schools**, by F. W. Cozens, M. H. Trieb, and N. P. Neilson. New York: A. S. Barnes and Co., 1936. Ref: Cozens, F. W., Trieb, M. H., and Neilson, N. P. Classification of secondary school boys for purposes of competition. Research Quarterly of the American Physical Education Association, March, 1936, 7, 36–43.

2398. **Achievement Scales in Physical Education Activities for College Men**, by F. W. Cozens. Philadelphia, Pa.: Lea and Tebiger, 1936. Ref: Cozens, F. W. The measurement of general athletic ability in college men. Eugene, Oregon: University of Oregon Press.

2399. **Swimming Tests**, by T. K. Cureton. Ref: (1) Cureton, T. K. Objective tests of swimming. Springfield, Mass.: Springfield College, 1930. (2) Cureton, T. K. A guide to tests and measurements in health and physical education.

Springfield, Mass.: Springfield College, 1937. (3) Cureton, T. K. Test for endurance in speed swimming. Research Quarterly of the American Physical Education Association Supplement, May, 1935, 6, 106–112.

2400. **Measurement of Basketball Skills**, by C. A. Davis. Ref: Davis, C. A. An experiment in measuring ability and progress in basketball skills. Springfield, Mass.: Master's Thesis, International Y. M. C. A. College, June, 1932.

2401. **Tennis Ability Test**, by J. Dyer. Ref: Dyer, J. The backboard test of tennis ability. Research Quarterly of the American Physical Education Association Supplement, 1935 (March), VI, No. 1, 63–74.

2402. **Tests of Ability and Progress in Basketball**, by H. D. Edgren. Ref: Edgren, H. D. An experiment in the testing of ability and progress in basketball. Research Quarterly of the American Physical Education Association, 1932, 3, 159–171.

2403. **Health Knowledge Test**, by W. E. Forsythe and M. Rugen. Ref: Forsythe, W. E., and Rugen, M. A health knowledge test. Research Quarterly of the American Physical Education Association, 1935, 6, 105–120.

2404. **Health Education Tests**, by R. Franzen. Range: grades 5–6. New York: American Child Health Association, 1929. Ref: Franzen, R. Health education tests. School Health Research Monograph, 1929, No. 1. Also: Franzen, R. Influence of social and economic factors on the health of the school child. School Health Research Monograph, 1932, No. 4, 94–95. New York: American Child Health Association.

2405. **Health Awareness Test**, by R. Franzen, M. Derryberry, and W. A. McCall. New York: Bureau of Publications, Teachers College, Columbia University, 1937.

2406. **A C H Index of Nutritional Status**, by R. H. Franzen and G. T. Palmer. Range: ages 7–12. New York: American Child Health Association, 1934. Ref: Physical measures of growth and nutrition. Monograph No. 2, School Health Research Series, New York: American Child Health Association, 1934. Also: Palmer, G. T. Measurement of nutritional status. Mind and Body, 1931, 38, 452–456.

2407. **Motor Ability Tests in Basketball**, by D. C. Fraser. Ref: Fraser, D. C. Motor ability tests in basketball. Master's Thesis, Springfield College, Springfield, Mass., June, 1934.

2408. **Basketball Progress Tests**, by H. T. Friermood. Ref: Friermood, H. T. Basketball progress tests adaptable to class use. Journal of Health and Physical Education, 1934, 5, 45–47.

2409. **Gates-Strang Health Knowledge Test**, by A. I. Gates and R. Strang. Range: grades 3–8; 7–12. New York: Bureau of Publications, Teachers College, Columbia University, 1925, 1937. Ref: Gates, A. I., and Strang, R. A test in health knowledge. TCRec, 1925, 26, 867–880.

2410. **Graybeal-Minnesota Motor Ability Test Batteries for College Women**, by E. Graybeal. Minneapolis, Minn.: University of Minnesota Press, 1937.

2411. **Physical Efficiency Tests**, by J. Griffith. Ref: Griffith, J. Physical efficiency tests. University of Illinois Bulletin, 1922, 19, No. 19.

2412. **A Study in the Use of Knowledge and Skill Tests in Soccer**, by M. L. Heath and E. G. Rodgers. Ref: Heath, M. L., and Rodgers, E. G. A study in the use of knowledge and skill tests in soccer. Research Quarterly of the American Physical Education Association, 1932, 4, 33–53.

2413. **Information Tests in Health and Physical Education for High School Boys**, by F. Hemphill. Ref: Hemphill, F. Information tests in health and physical education for high school boys. Research Quarterly of the American Physical Education Association, December, 1932, 3, 83–96.

2414. **Basketball Test Events**, by V. Hernlund. Journal of Physical Education, January, 1929, 97–98.

2415. **Hexathalon Test.** New York: Physical Directors of the Y. M. C. A.

2416. **A Measurement of the Achievement in Motor Skills of College Men in the Game Situation of Basketball,** by G. W. Howard. TCConEd, 1937, No. 733.

2417. **Archery Test,** by E. I. Hyde. Ref: Hyde, E. I. Measurements of achievement in archery. JEdRes, 1933, 27, 673–685.

2418. **Physical Education Classification Examination (Attitude Test),** by J. Jacobsen. Ref: Graybeal, E. Measurement of outcomes of physical education for college women. Minneapolis, Minn.: University of Minnesota Press, 1937, 14–16.

2419. **Physical Skill Tests,** by G. B. Johnson. Ref: Johnson, G. B. Physical skill tests for sectioning classes into homogeneous units. Research Quarterly of the American Physical Education Association, 1932, 3, 128–136. Also, Johnson, G. B. A further study of race differences in physical skill as measured by the Johnson Skill Tests. JGenPs, 1937, 17, 149–151.

2420. **Basketball Tests,** by W. J. Johnson. Ref: Johnson, W. J. Basketball tests. Iowa City: State University of Iowa. (Mimeographed.)

2421. **Health Knowledge and Attitude: Every Pupil Scholarship Test.** Range: grades 4–8. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College. New forms each year.

2422. **University of California Efficiency Test,** by F. L. Kleeberger. Ref: Kleeberger, F. L. Physical efficiency tests as a practical means of popularizing physical education at the University of California. AmPhEdRev, 1917, 22, 551–554; 1918, 23, 27–33.

2423. **Balance Skills in Physical Education,** by C. L. Lowman. Ref: Lowman, C. L. Balance skills in physical education. Ann Arbor, Mich.: Edwards Bros., 1935.

2424. **Posture Tests,** by C. MacEwan. Ref: MacEwan, C. An objective method of grading posture. Wellesley, Mass.: Unpublished M.A. Thesis, Wellesley College, School of Hygiene and Physical Education, 1931. Also, MacEwan, C., Powell, E., and Howe, E. C. Applications of the objective method of grading posture standards, and the prediction of individual and group improvement. Research Quarterly of the American Physical Education Association, March, 1935, 6, No. 1, 3–13.

2425. **Measurement of Athletic Power,** by C. H. McCloy. Range: boys from 10 to 20 years. Ref: McCloy, C. H. The measurement of athletic power; some achievement standards in track and field athletic events for boys from ten to twenty years. New York: A. S. Barnes and Co., 1932.

2426. **Methods for Evaluating Physical Status,** by C. H. McCloy. Ref: McCloy, C. H. Appraising physical status; the selection of measurements. UnivIowaSChWelf, 1936, 12, No. 2.

2427. **A Test for Measuring the Physical Capacity of Secondary School Boys,** by H. L. McCurdy. New York: McCurdy, H. L. Master of Science Thesis, Teachers College, Columbia University, 1933.

2428. **Twelfth Year Health Test: Manchester Semester-End Achievement Tests,** by C. Burt, W. Ogden, and C. W. Helman. Range: first semester high school. North Manchester, Ind.: Bureau of Tests and Measurements, Manchester College. New form each year.

2429. **Martin Efficiency Test,** by E. G. Martin. Ref: Martin, E. G., and Rich, W. H. Muscular strength and muscular symmetry in human beings. AmJPhysiology, 1918–1919, 46, p. 67; 47, p. 29–42. Also: Moore, L. M., et al. Note on the reliability of the Martin efficiency test. AmPhEdRev, 1924, 29, 572–578.

2430. **Tests for Grading in Physical Education,** by G. L. Meylan. Ref: Meylan, G. L. Marks for physical efficiency. AmPhEdRev, 1905, 10, 106–112.

2431. **Gymnasium Tests,** by G. W. Mueller. Ref: Mueller, G. W. Achievement standards on gymnasium apparatus for girls and boys. Mind and Body, March,

1934, 40, 343–351; April, 1934, 41, 30–34; May–June, 1934, 41, 83–87; December–January, 1935, 41, 220–224.

2432. **Health Test: National Achievement Tests,** by R. K. Speer and S. Smith. Range: grades 3–8. Rockville Center, L. I.: Acorn Publishing Co., 1936. Experimental Edition.

2433. **National Amateur Athletic Federation of America Physical Achievement Tests for Girls and Women.** New York: Women's Division, National Amateur Athletic Federation. Ref: Kinder, J. S., and Odell, C. W. Educational tests for use in institutions of higher learning. University of Illinois Bulletin, 1930, 27, 43–44.

2434. **Swimming Badge Tests for Boys and Girls,** by National Recreation Association. Ref: Swimming badge tests for boys and girls. AmPhysEdRev, May, 1929, 34, 298–302.

2435. **Achievement Scales in Physical Education Activities,** by N. P. Neilson and F. W. Cozens. Range: boys and girls in elementary and junior high school. Sacramento, Calif.: State Department of Education, 1934. Also, New York: A. S. Barnes and Co., 1934.

2436. **New York City High Schools Motor Efficiency Tests.** Ref: Way, A. P., and Atkinson, R. K. Tests in physical education. New York Society for the Experimental Study of Education, Contributions to Education, Vol. I, pp. 298–318. Yonkers, N. Y.: World Book Co., 1924.

2437. **New York State Physical Ability Scoring Table.** Ref: Bovard, J. F., and Cozens, F. W. Tests and measurements in physical education, 1861–1925. Eugene, Oregon: Oregon University Publication—Physical Education Series, 1926, 1, No. 1, 63.

2438. **Rating Scale for the Selection of Athletic Managers,** by C. L. Nordly. Ref: Nordly, C. L. Rating scale for the selection of athletic managers. Research Quarterly of the American Physical Education Association, December, 1933, 4, 111–117.

2439. **Ohio State University Efficiency Test,** 1920. Ref: Bovard, J. F., and Cozens, F. W. Tests and measurements in physical education, 1861–1925. Eugene, Oregon: Oregon University Publication—Physical Education Series, 1926, 1, No. 1, 39.

2440. **Health Knowledge Test,** by R. Painter and W. Stone. Range: grades 4–9. Chelsea, Mass.: R. Painter and W. Stone, Room 208, City Hall, 1935.

2441. **Safety Test for Primary Grades,** by L. Pancok. New York: Education Division, National Safety Council, 1931.

2442. **Achievement Tests in Swimming,** by M. G. Parkhurst. Ref: Parkhurst, M. G. Achievement tests in swimming. Journal of Health and Physical Education, May, 1934, 5, 34–36.

2443. **Test in Habits and Practices in Health and Accident Prevention,** by E. G. Payne. Range: grades 1–12. Bloomington, Ill.: Public School Publishing Co., 1921.

2444. **Perkins' "What's Wrong with These Drivers and Pedestrians?",** by E. V. Perkins. Hartford, Conn.: Travelers Insurance Co., 1933.

2445. **Perkins Silent Reading Test on Safety,** by E. V. Perkins. Hartford, Conn.: Travelers Insurance Co., 1933.

2446. **Philadelphia Public Schools Age Aim Charts.** Ref: Bovard, J. F., and Cozens, F. W. Tests and measurements in physical education, 1861–1925. Eugene, Oregon: Oregon University Publication—Physical Education Series, 1926, 1, No. 1, 50–51.

2447. **Athletic Badge Tests for Boys and Girls,** by Playground and Recreation Association of America. Range: elementary and high school. Washington, D. C.: Department of the Interior, Office of Education, 1923.

2448. **Sports Information Test**, by L. C. Pressey. Range: college students. Chicago: C. H. Stoelting Co., 1928. Ref: Department of Superintendence Tenth Yearbook. Washington, D. C.: Department of Superintendence of the National Education Association, 1932, p. 373. Also: Pressey, L. C., and Stephens, W. A sports information test: with some evidence regarding the curious relation between interest in each sport and academic success. AmPhEdRev, 1926, 31, 755–758.

2449. **Public School Achievement Test in Health**, by J. S. Orleans, G. A. Sealy, and T. L. Torgerson. Range: grades 4–8. Bloomington, Ill.: Public School Publishing Co.

2450. **Physical Achievement Tests for Classified Groups in Physical Education**, by E. H. Purcell. Ref: Purcell, E. H. Physical achievement tests for classified groups in physical education. Iowa City: State University of Iowa, Master's Thesis, 1932.

2451. **Scale for Measuring Physical Education**, by L. W. Rapeer. Ref: Sixteenth YrBkNaSocSEd, Part I. Minimal essentials of physical education and a scale for measuring results of physical education. Bloomington, Ill.: Public School Publishing Co., 173–192.

2452. **Standards in Physical Training**, by F. J. Reilley. Range: grades 5–8. Boston: D. C. Heath and Co., 1917. Ref: Bovard, J. F., and Cozens, F. W. Tests and measurements in physical education, 1861–1925. Eugene, Oregon: Oregon University Publication—Physical Education Series, 1926, 1, No. 1.

2453. **Volleyball Tests**, by H. J. Reynolds. Ref: Reynolds, H. J. Volleyball tests. Journal of Health and Physical Education, March, 1930, 1, 42–44.

2454. **Richards Efficiency Tests for Grade Schools**, by J. H. Richards. Ref: Richards, J. H. Efficiency tests for grade schools. AmPhEdRev, 1914, 19, 637–646.

2455. **Baseball Tests**, by E. G. Rodgers and M. L. Heath. Ref: Rodgers, E. G., and Heath, M. L. Experiment in use of knowledge and skill tests in playground baseball. Research Quarterly of the American Physical Education Association, December, 1931, 2, 113–131.

2456. **Physical Capacity Tests**, by F. R. Rogers. Ref: (1) Rogers, F. R. Physical Capacity Tests. New York: A. S. Barnes, 1931. (2) Rogers, F. R. Physical capacity tests in the administration of physical education. TCConEd, 1925, No. 173. (3) Rogers, F. R. Strength tests and their use. PerJ, 1936, 15, 26–30.

2457. **Health Education and Hygiene: Every Pupil Test**, by W. F. Rosenthal. Range: grades 4–8, 9–12. Columbus, Ohio: Ohio Scholarship Tests, Department of Education, State of Ohio, 1935.

2458. **Rating Scale for Basketball Officials**, by R. Rubin. Ref: Rubin, R. Rating scale for basketball officials. Journal of Health and Physical Education, January, 1936, 7, 33ff.

2459. **Sargent's Strength Tests**, by D. A. Sargent. Ref: (1) Sargent, D. A. Strength tests and the strong man. AmPhEdRev, 1897, 2, 108–119. (2) Sargent, D. A. Intercollegiate strength tests. AmPhEdRev, 1897, 2, 216–220. (3) Sargent, D. A. The physical test of a man. SchSoc, 1921, 13, 128–135.

2460. **Schneider's Cardiovascular Test**, by E. C. Schneider. Ref: Schneider, E. C. A cardiovascular rating as a measure of physical fatigue and efficiency. Journal of the American Medical Association, May, 1920, 74, 1507–1510. Also, Graybeal, E. Measurement of outcomes of physical education for college women. Minneapolis, Minn.: University of Minnesota Press, 1937.

2461. **Schwegler and Englehardt Variation of the Sargent Physical Test of a Man**, by R. A. Schwegler and J. L. Englehardt. Ref: Schwegler, R. A., and Englehardt, J. L. A test of physical efficiency. AmPhEdRev, 1924, 29, 501–503.

2462. **Smith College Health Knowledge Test**, by a Committee of the American Student Health Association. Northampton, Mass.: K. F. Scott, Smith College, 1931 Experimental Edition.

2463. **Home Safety Test**, by H. J. Stack. New York: National Bureau of Casualty and Surety Underwriters, 1934.

2464. **National Tests in Safety Education**, by H. J. Stack. (Also National Safe Drivers Test.) New York: National Bureau of Casualty and Surety Underwriters, National Safety Council, 1 Park Ave, 1929. Ref: Stack, H. J. Safety education in the secondary schools. The National Bureau of Casualty and Surety Underwriters Educational Series, No. 4. New York: National Bureau of Casualty and Surety Underwriters, 1929. Also: Stack, H. J. Mental causes of child accidents. MenHy, 1931, 15, 283–289.

2465. **Proficiency Tests at the University of Oregon (for women)**. Ref: Bovard, J. F., and Cozens, F. W. Tests and measurements in physical education, 1861–1925. Eugene, Oregon: Oregon University Publication—Physical Education Series, 1926, 1, No. 1, 41–42.

2466. **University of Oregon Physical Ability Tests (The Pentathlon, 1924)**, by H. Scott. Ref: Bovard, J. F., and Cozens, F. W. Tests and measurements in physical education, 1861–1925. Eugene, Oregon: Oregon University Publication—Physical Education Series, 1926, 1, No. 1, 35–36.

2467. **Soccer Skill Tests**, by M. Vanderhoof. Ref: Vanderhoof, M. Soccer skill tests. Journal of Health and Physical Education, October, 1932, 3, 42.

2468. **Tests Adopted by the College Women Directors of Physical Education**, by A. R. Wayman. Ref: Wayman, A. R. A scheme for testing and scoring the physical efficiency of college girls. AmPhEdRev, 1923, 28, 415–420.

2469. **Columbia All-Around Athletic Ability Test**, by J. F. Williams. Ref: Williams, J. F. Organization and administration of physical education. New York: Macmillan Co., 1932, p. 276–278.

2470. **Final Test in Fifth-Grade Hygiene and Health: Comprehensive Tests for Fifth-Grade Pupils in Texas**, by J. J. Wilson and A. L. Long. Oklahoma City, Okla.: Harlow Publishing Co., 1933.

2471. **Personal Health Standard and Scale**, by T. D. Wood. Range: adults. New York: Bureau of Publications, Teachers College, Columbia University, 1925. Ref: Symonds, P. M. Psychological diagnosis in social adjustment. New York: American Book Co., 1934, p. 206.

2472. **Y. M. C. A. Health Knowledge Test.** Consists of items selected from Gates-Strang Health Test. New York: Association Press. Ref: Watson, G. B. Some accomplishments in summer camps. New York: Occasional Studies, No. 8, Association Press, 1928.

2473. **Tests for Women's Basketball Skill**, by G. Young and H. Moser. Ref: Young, G., and Moser, H. A short battery of tests to measure playing ability in women's basketball. Research Quarterly of the American Physical Education Association, 1934, 5, 3–23.

See also addenda, Tests 4228, 4257, 4270.

READING

Primary and Readiness

2474. **Adams Silent Reading Tests**, by W. C. Adams. Range: grades 1–3. Boston: Edward E. Babb and Co., 1923.

2475. **One Minute Silent Reading Achievement Tests**, by P. B. Ballard. Ref: Ballard, P. B. Norms of performance in reading. ChS, 1916, 9, 1. Also: Ballard, P. B. Mental tests. London: Hodder and Stoughton, 1920.

2476. **First Grade Entrance Test**, by F. Bennett. Chicago: Follett Publishing Co., 1922, 1924.

2477. **Bolenius Diagnostic Tests for Second and Third Grade Reading**, by E. M. Bolenius. Separate tests for grades 2 and 3. Boston: Houghton Mifflin Co., 1923.

2478. **Bolenius Reading Tests**, by E. M. Bolenius. Range: grades 1–3. Cincinnati, Ohio: C. A. Gregory Co.

2479. **Pupil Accomplishment Tests to Accompany the Bobbs-Merrill Readers**—for primer and first reader by R. P. Parkhill; for second reader by W. W. Curfman, M. Richardson and R. P. Parkhill; and for third reader by B. A. Taylor and R. P. Parkhill. Indianapolis, Ind.: Bobbs-Merrill Co., 1929, 1931.

2480. **Minneapolis Primary Reading Test**, by L. J. Brueckner. Range: grade 1. Minneapolis, Minn.: Educational Test Bureau, 1923.

2481. **Minneapolis Second Grade Reading Test**, by L. J. Brueckner. Minneapolis, Minn.:Educational Test Bureau, 1926.

2482. **Brueckner-Heylmun First-Grade Diagnostic Reading Test**, by L. J. Brueckner and C. Heylmun. Range: grade 1. Minneapolis, Minn.: Educational Test Bureau, 1926.

2483. **Seattle First-Grade Reading Test**, by M. Burr. Range: grade 1. Seattle, Wash.: M. Burr, Seattle Public Schools, 1927.

2484. **Reading Readiness Test**, by W. W. Clark (for use with the "Alice and Jerry" books). Evanston, Ill.: Row, Peterson and Co., 1936.

2485. **Scale of Reading Ability**, by S. A. Courtis and R. R. Heller. Range: grades 1–4. Ref: Heller, R. R., and Courtis, S. A. Exercises developed at Detroit for making reading function. 20th YrbkNaSocSEd, 153–172.

2486. **Multiple Skill First Grade Reading Scales**, by P. Cutright, F. R. Rogers, B. Newell, and R. Jones. Range: grade 1. Minneapolis, Minn.: Educational Test Bureau, 1929.

2487. **Reading Readiness Tests**, by E. C. Deputy. Ref: Deputy, E. C. Predicting first grade reading achievement. TCConEd, 1930, No. 426.

2488. **Detroit Word Recognition Test**, by E. F. Oglesby. Range: grades 1B to 3A. Yonkers, N. Y.: World Book Co., 1924.

2489. **DeVault Primary Reading Test**, by N. M. DeVault. Range: grades 1 and 2. Los Angeles, Calif.: Southern California School Book Depository, 1931.

2490. **Basic Reading Tests; Word-Recognition Series**, by E. W. Dolch and W. S. Gray. Range: grades 1–2. Chicago: Scott, Foresman and Co., 1935.

2491. **Elson-Gray Word Recognition Tests.** Chicago: Scott, Foresman Co., 1937.

2492. **Gates Primary Silent Reading Tests**, by A. I. Gates. Range: grades 1 and 2. (Word recognition, sentence reading, paragraph reading.) New York: Bureau of Publications, Teachers College, Columbia University, 1926.

2493. **Haggerty Scales for Reading Vocabulary of Primary Children**, by M. E. Haggerty. Range: grades 1–3. Minneapolis, Minn.: University of Minnesota, 1916. Ref: Haggerty, M. E. Scales for the reading vocabulary of primary children. ElemSchJ, 1916, 17, 106–115.

2494. **Hildreth Primary Reading Diagnosis Tests**, by G. H. Hildreth. Yonkers, N. Y.: World Book Co., 1937. Experimental Edition.

2495. **Metropolitan Primary Reading Test**, by G. H. Hildreth, and edited by J. S. Orleans. Range: grades 1–3. Yonkers, N. Y.: World Book Co., 1933–1934.

2496. **Metropolitan Readiness Tests**, by G. H. Hildreth and N. L. Griffiths. Range: kindergarten and first grade. Yonkers, N. Y.: World Book Co., 1933.

2497. **Los Angeles Primary Reading Test**, by J. E. Ingraham. Range: grades 1–3. Los Angeles, Calif.: Southern California School Book Depository, 1925.

2498. **Kansas Primary Reading Test, Every Pupil Scholarship Test**, by H. E. Schrammel et al. Range: grades 1–3. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College, new forms each year.

2499. **Wisconsin Supervisory Test in Reading**, by H. W. Kircher. Range: grades 1B–2A. Eau Claire, Wisc.: Eau Claire Book and Stationery Co., 1923.

2500. **Reading Readiness Test**, by J. M. Lee, W. W. Clark, and D. M. Lee. Range: pupils entering first grade. Hollywood, Calif.: Southern California School Book Depository, 1931. Ref: Lee, J. M., Clark, W. W., and Lee, D. M. Measuring reading readiness. ElemSchJ, 1934, 34, 656–666.

2501. **Lee-Clark Reading Test—Primer**, by J. M. Lee and W. W. Clark. Range: grade 1. Hollywood, Calif.: Southern California School Book Depository, 1931.

2502. **Lee-Clark Reading Test—First Reader**, by J. M. Lee and W. W. Clark. Range: high first grade or low second grade. Hollywood, Calif.: Southern California School Book Depository, 1931.

2503. **Los Angeles Primary Word Recognition Test: Form I**, by Los Angeles Public Schools. Range: grades 1–3. Hollywood, Calif.: Southern California School Book Depository, 1926.

2504. **Tests ABC (Maturity for Learning to Read and Write)**, by M. B. Lourenco Filho. Rio de Janeiro: Companhia Melhoramentos de São Paulo, 1933. Ref: Lourenco Filho, M. B. The ABC Tests: A method of verifying the maturity necessary to learn how to read and write. JGenetPs, 1936, 48, 243–248.

2505. **Lowry Reading Tests**, by E. Lowry. Range: grades 1–3. Indiana, Pa.: Extension Department, State Teachers College, 1926.

2506. **McGaughy Informal Reading Tests.** Boston: Ginn and Co.

2507. **Manwiller Word Recognition Test**, by C. E. Manwiller. Range: primary grades. Yonkers, N. Y.: World Book Co., 1935.

2508. **Monroe Reading Aptitude Tests, Primary Form**, by M. Monroe. Range: beginning reading. Boston: Houghton Mifflin Co., 1935. Ref: Monroe, M. Reading aptitude test for the prediction of success and failure in beginning reading. Education, 1935, 56, 7–14.

2509. **Oglesby-Rankin-Courtis Group Test in Word Recognition**, by E. F. Oglesby, P. T. Rankin and S. A. Courtis. Range: grades 1 and 2. Detroit, Mich.: Detroit Public Schools.

2510. **Philadelphia Silent Reading Test.** Range: grade 2A. Philadelphia, Pa.: Board of Education, Philadelphia Public Schools, 1926.

2511. **First Grade Word Recognition Reading Test**, by P. R. Pierce. Ref: Pierce, P. R. Administrative aspects of testing in first-grade reading. ElemSchJ, 1932, 33, 112–122.

2512. **Pittsburgh Primary Word Test.** Pittsburgh, Pa.: Department of Curriculum Study, Pittsburgh Public Schools.

2513. **Pressey First Grade Word Reading Test**, by S. L. Pressey and L. C. Pressey. Bloomington, Ill.: Public School Publishing Co., 1929.

2514. **Pressey Speed of Silent Reading**, by L. W. Pressey. Range: grades 2–4. Bloomington, Ind.: Department of Psychology, Indiana University, 1921.

2515. **Pressey Reading Vocabulary Test for the Second, Third, and Fourth Grades**, by L. W. Pressey. Range: grades 2–4. Bloomington, Ind.: Department of Psychology, Indiana University, 1921.

2516. **Progressive Reading Tests, Primary**, by E. W. Tiegs and W. W. Clark. Range: grades 1–3. Hollywood, Calif.: Southern California School Book Depository, 1934–1936.

2517. **Providence Inventory Tests—Reading Comprehension.** Range: grades 1–2. Providence, R. I.: Providence Public Schools.

2518. **Garvey Primary Reading Test**, by H. S. Read and M. V. Seagoe. Range: grades 1–3. Los Angeles, Calif.: Southern California School Book Depository, 1933.

2519. **Reading Tests—Informal.** Range: preschool through intermediate. Ref: Report of the National Committee on Reading, W. S. Gray, Chairman. Reading tests—standardized and informal. 24th YrbkNaSocSEd, Chapter 9.

2520. **A Vocabulary Test for Primary Children**, by G. E. Rickard. Ref: Rickard, G. E. The recognition vocabulary of primary children. JEdR, 1935, 29, 281–291.

2521. **Ram and Bear Reading Test**, by R. M. Rustad. Range: grade 2. Minneapolis, Minn.: Educational Test Bureau, 1924.

2522. **St. Cloud Reading Tests, St. Cloud Public Schools.** Ref: Hilpert, R. E. Reading in the St. Cloud Public Schools, grades one to six. St. Cloud, Minn.: Board of Education, 1925.

2523. **Instructional Tests in Reading,** by P. V. Sangren and M. C. Wilson. Range: grades 1, 2, 3, and 4. Bloomington, Ill.: Public School Publishing Co., 1932.

2524. **Stone-Grover Classification Test for Beginners in Reading,** by C. R. Stone and C. C. Grover. St. Louis, Mo.: Webster Publishing Co., 1933.

2525. **Stone-Webster Test in Beginning Reading,** by C. R. Stone. St. Louis, Mo.: Webster Publishing Co., 1937.

2526. **Reading Readiness Test,** by M. J. Van Wagenen. Range: kindergarten or beginning first grade children. Minneapolis, Minn.: Educational Test Bureau, 1932.

2527. **Watkins Silent Reading Tests for Beginners,** by E. Watkins. Range: grade 1. Philadelphia: J. B. Lippincott Co., 1925.

2528. **Williams Primary Reading Test,** by A. J. Williams. Range: grades 1–3. Bloomington, Ill.: Public School Publishing Co., 1926.

2529. **Winnetka Primary Reading Power Tests.** Winnetka, Ill.: Winnetka Individual Material, Horace Mann School, 1926, 1929.

The following items are not generally available:

2530. **Baltimore Reading Maturity Test,** by F. M. Berry and A. L. Rogers. Range: grade 1B. Baltimore: Bureau of Research and Statistics, Baltimore Public Schools.

2531. **Pressey First Grade Reading: Attainment Scale Series,** by L. W. Pressey and V. Grant. Range: grade 1. Bloomington, Ill.: Public School Publishing Co., 1922.

General, Tests for Foreign Countries, Diagnostic Materials and Unclassified Reading Tests

2532. **Chart for Diagnosing Educational Disability in Reading,** by H. J. Baker and B. Leland. Ref: Baker, H. J., and Leland, B. In behalf of non-readers. Bloomington, Ill.: Public School Publishing Co., 1934.

2533. **Tests for Reading Disability Cases,** by H. J. Baker. Ref: Baker, H. J. Educational disability and case studies in remedial teaching. Bloomington, Ill.: Public School Publishing Co., 1929.

2534. **Comprehension of Text Read (German),** by F. Baumgarten. Range: ages 12–14. Ref: Baumgarten, F. Die II. internationale Konferenz für Psychotechnik, angewandt auf Fragen der Berufsberatung und Arbeitsorganisation. ZAngPs, 1922, 20, 248–258.

2535. **Betts "Ready to Read" Tests,** by E. A. Betts. Range: preschool through college. Meadville, Pa.: Keystone View Co., 1934–1936. Ref: Betts, E. A. The prevention and correction of reading difficulties. Chicago: Row, Peterson Co., 1936.

2536. **Reading Tests,** by P. Bovet. Ref: Bovet, P. La lecture. Intermédiaire des Educateurs, Genève, January, 1918.

2537. **Durrell Scale for Non-Readers,** by D. Durrell. Boston, Mass.: Boston University.

2538. **Gates Reading Diagnosis Tests (Revised),** by A. I. Gates. Range: grades 1–8. Includes tests of oral reading, word pronunciation, word recognition techniques, and visual perception. New York: Bureau of Publications, Teachers College, Columbia University, 1933. Ref: Gates, A. I. The improvement of reading. New York: Macmillan Co., 1935. Revised Edition.

2539. **Record Booklet for Reading Diagnosis,** by A. I. Gates. Range: grades 1–8. New York: Bureau of Publications, Teachers College, Columbia University, 1933. Ref: Gates, A. I. The improvement of reading. New York: Macmillan Co., 1935, Revised Edition.

2540. **Reversals Tests**, by A. I. Gates and C. C. Bennett. Ref: Gates, A. I., and Bennett, C. C. Reversal tendencies in reading and writing. New York: Bureau of Publications, Teachers College, Columbia University, 1933.

2541. **Michigan Speed of Reading Test**, by E. B. Greene. Ann Arbor, Mich.: E. B. Greene, University of Michigan, 1937.

2542. **Haggerty Visual Vocabulary Tests**, by M. E. Haggerty. Range: Part I, grades 1 and 2; Part II, grades 3–8. Ref: Haggerty, M. E. Scales for the reading vocabulary of primary children. ElemSchJ, 1916, 17, 106–115.

2543. **Reading Vocabulary Tests**, by R. G. Jones. Ref: Jones, R. G. Standard vocabulary. 14th YrbkNaSocSEd, 1915, 37–43.

2544. **Keystone Tests of Binocular Skill**, by W. S. Gray, L. F. Davis, H. M. Robinson, and E. A. Betts. Meadville, Pa.: Keystone View Co., 1938.

2545. **Tests of Reading Ability (Japanese)**, by Y. Kubo. Ref: Kubo, Y. The standardized tests for measuring reading ability. Jidokenkyujo, 1922.

2546. **Context Reading Test**, by H. C. Link. Ref: Link, H. C. Employment psychology. New York: Macmillan Co., 1919.

2547. **Merrill Scale for the Individual Measurement of Reading Ability**, by M. A. Merrill. Range: grades 1–6. Ref: Merrill, M. A. A scale for the individual measurement of reading ability. JEdPs, 1919, 10, 389–400.

2548. **Diagnostic Reading Examination**, by M. Monroe. Chicago: C. H. Stoelting Co. Ref: Monroe, M. Methods for diagnosis and treatment of cases of reading disability. GenetPsM, 1928, 4, 335–456.

2549. **Ophthalm-O-Graph (For recording eye movements while reading)**. Chicago: C. H. Stoelting Co.

2550. **Philadelphia Reading Tests**, by Division of Educational Research, Board of Education, Philadelphia, Pa. Range: grades 1B, 2, 3, 4–6, 7–11. 1931–1936.

2551. **Phillips-Woody Group Tests for Reversals**, by A. J. Phillips, and C. Woody. Ann Arbor, Mich.: Bureau of Educational Reference and Research, University of Michigan. Range: grades 1–4. Ref: Woody, C., and Phillips, A. J. Effects of handedness on reversals in reading. JEdR, 1934, 27, 651–662.

2552. **Reading Span Test**, by W. H. Pyle. (For use with the tachistoscope.) Chicago: C. H. Stoelting Co. Ref: Pyle, W. H. The reading span. ElemSchJ, 1929, 29, 597–603.

2553. **Sackett's Reading Test**, by L. W. Sackett. Ref: Smith, H. L., and Wright, W. W. Second revision of the bibliography of educational measurements. Bulletin of the School of Education, Indiana University, 1927, 4, No. 2.

2554. **Articulation Test with Reading Disability Feature**, by I. Sherman. Range: grades 3–12. Winona, Minn.: I. Sherman, Winona Public Schools.

2555. **Test of the Understanding of Reading**, by T. Simon. Ref: Simon, T. Test de comprehension de lecture. BuSocBinet, 1935, 35, 308–309.

2556. **Reading Tests for Chinese Children**, by Y. Tang. Ref: Tang, Y. Measurements of reading ability of the Chinese children. Chinese Educational Review, 1923, 15.

2557. **Tests for the Tendency to Reversals in Reading**, by L. Teegarden. Ref: Teegarden, L. Tests for the tendency to reversals in reading. JEdR, 1933, 27, 81–97.

2558. **Unit Scales of Attainment in Reading**, by M. J. Van Wagenen. Range: scales for all levels from grade 1–12. Minneapolis, Minn.: Educational Test Bureau, 1932.

2559. **Virginia Silent Reading Test**. Ref: Dearborn, W. F., and Inglis, A. Psychological and educational tests in the public schools of Winchester, Virginia. University of Virginia Record, 1922, 6, No. 6.

The following items are not available:

2560. **Boston Research Tests in Silent Reading,** by Boston Public Schools. Range: grades 4–8. Boston: Department of Educational Investigation and Measurement, Boston Public Schools. (Out of print.)

2561. **Brown's Silent Reading Tests,** by H. A. Brown. Concord: F. R. Strong, 1916. (Not available.)

2562. **I. E. R. Reading Test.** New York: Institute of Educational Research, Teachers College, Columbia University. (Not generally available.)

2563. **I. E. R. Special Reading Test,** by E. L. Thorndike. Prepared for the Classical Association Investigation, 1922. (Not available.)

2564. **A Comprehension Test for High School and College Students,** by B. B. James. Whitewater, Wisc.: State Normal School. (Not available.)

2565. **Recall Test (Reading).** Indiana, Pa.: State Teachers College. (Not available.)

2566. **Starch's Measurement of Efficiency in Reading,** by D. Starch. Range: grades 1–2. Madison, Wisc.: University Cooperative Co., 1915. (Out of print.)

2567. **Starch's Reading Tests,** by D. Starch. Range: grades 2 through college. Madison, Wisc.: University Cooperative Co., 1914. (Out of print.)

Elementary School Level Reading

See also tests in preceding section.

2568. **Australian Silent Reading Tests.** Range: grades 3–8. Carlton, N.3, Victoria, Australia: Melbourne University Press, Melbourne University, 1934. Ref: McIntyre, G. A., and Wood, W. The standardization of an Australian reading test. Educational Research Series, No. 39, Australian Council for Educational Research. Carlton, N.3, Victoria, Australia: Melbourne University Press, 1935.

2569. **"Brighton" Reading Tests,** by Educational Research Sub-Committee of the Brighton and Hove Teachers' Association. Range: ages 8–14. London: University of London Press, 1931.

2570. **Burgess Scale for Measuring Ability in Silent Reading,** by M. A. Burgess. Range: grades 3–8. New York: Russell Sage Foundation, 1920.

2571. **Chapman-Cook Speed of Reading Test,** by J. C. Chapman and S. A. Cook. Range: grades 4–8. Minneapolis, Minn.: Educational Test Bureau.

2572. **Chapman-Holzinger Unspeeded Reading Comprehension Test,** by J. C. Chapman and K. Holzinger. Range: grades 5–8. Minneapolis, Minn.: Educational Test Bureau, 1925.

2573. **Reading Tests,** by W. L. Chase. For use with the Twins Series, by L. F. Perkins. Range: grades 1–6. Boston: Houghton Mifflin Co., 1931.

2574. **Detroit Examinations in Reading,** by Detroit Public Schools. Range: grades 1–9. Detroit: Detroit Public Schools, 1922, 1923.

2575. **Detroit Reading Test,** by C. M. Parker and E. A. Waterbury. Range: Test 1, grade 2; Test 2, grade 3; Test 3, grades 4–6. Yonkers, N. Y.: World Book Co., 1927.

2576. **Durrell Analysis of Reading Difficulty,** by D. D. Durrell. Range: grades 1–6. Yonkers, N. Y.: World Book Co., 1937.

2577. **Durrell-Sullivan Reading Achievement Test,** by D. D. Durrell and H. B. Sullivan. Range: grades 3–6. Yonkers, N. Y.: World Book Co., 1937.

2578. **Durrell-Sullivan Reading Capacity Test,** by D. D. Durrell and H. B. Sullivan. Range: grades 3–6. Yonkers, N. Y.: World Book Co., 1937.

2579. **Gates Silent Reading Tests,** by A. I. Gates. Range: 4 tests, grades 3–8. New York: Bureau of Publications, Teachers College, Columbia University, 1926.

2580. **Reading Tests: Level of Comprehension, Speed, and Vocabulary,** by A. I. Gates. Range: grades 3–8. New York: Bureau of Publications, Teachers College, Columbia University, 1938.

2581. **Gray Silent Reading Test**, by W. S. Gray. Range: grades 2–8. Bloomington, Ill.: Public School Publishing Co., 1915.

2582. **Gray Standardized Oral Reading Check Tests**, by W. S. Gray. Range: grades 1–8. Bloomington, Ill.: Public School Publishing Co., 1923.

2583. **Gray Standardized Oral Reading Paragraphs Test**, by W. S. Gray. Range: grades 1–8. Bloomington, Ill.: Public School Publishing Co., 1915.

2584. **Michigan Speed of Reading Tests**, by E. B. Greene. Range: grades 3–16. Ann Arbor, Mich.: E. B. Greene, University of Michigan, 1932. Ref: Greene, E. B. Michigan speed of reading tests. JEdR, 1934, 28, 283–288.

2585. **Greene-Noar Self-Diagnostic Reading Test**, by C. E. Greene and F. M. Noar. Range: grades 3–8. Boston: D. C. Heath and Co., 1931.

2586. **Iowa Silent Reading Tests: Elementary Test**, by H. A. Greene, A. N. Jorgensen, and V. H. Kelley. Range: grades 4–9. Yonkers, N. Y.: World Book Co., 1933.

2587. **Haggerty Reading Examination**, by M. E. Haggerty, M. E. Noonan, and L. C. Haggerty. Range: Sigma 1, grades 1–3; Sigma 3, grades 6–12. Yonkers, N. Y.: World Book Co., 1919, 1921.

2588. **Holmes Reading Test**, by H. W. Holmes. Range: grades 2–12. Cambridge, Mass.: Harvard University.

2589. **Ingraham-Clark Diagnostic Reading Tests**, by J. E. Ingraham and W. W. Clark. Range: Primary test, grades 1–3; Intermediate test, grades 4–8. Los Angeles, Calif.: Southern California School Book Depository, 1929.

2590. **Los Angeles Elementary Reading Tests**, by J. E. Ingraham. Range: grades 3–9. Los Angeles, Calif.: Southern California School Book Depository, 1926.

2591. **Jones-Foss Natural Group Test in Reading**, by R. G. Jones and J. C. Foss. Range: grade 4. Columbus, Ohio: Dobson-Evans Co., 1922.

2592. **Lowry Fourth Grade Reading Test**, by E. Lowry. Indiana, Pa.: Extension Division, State Teachers College, 1926.

2593. **Lowry Intermediate Reading Test**, by E. Lowry. (Revision of the Lowry Fourth Grade Reading Test.) Indiana, Pa.: Extension Division, State Teachers College. Ref: Lowry, E. Improving the mechanics of reading. ElemSchJ, 1932, 32, 364–368.

2594. **Intermediate Reading Test: Metropolitan Achievement Tests**, by R. D. Allen, H. H. Bixler, W. L. Connor, and F. B. Graham. Range: grades 4–6. Yonkers, N. Y.: World Book Co.

2595. **Metropolitan Achievement Tests: Advanced Reading**, by R. D. Allen, H. H. Bixler, W. L. Connor, F. B. Graham, and J. S. Orleans. Range: grades 7–8. Yonkers, N. Y.: World Book Co., 1933–1935.

2596. **Monroe Revised Silent Reading Tests**, by W. S. Monroe. Range: Test I, grades 3–5; Test II, grades 6–8; Test III, grades 9–12. Bloomington, Ill.: Public School Publishing Co., 1918, 1920.

2597. **Nelson Silent Reading Test**, by M. J. Nelson. Range: grades 3–8. Boston: Houghton Mifflin Co., 1929.

2598. **New Stanford Reading Test**, by T. L. Kelley, G. M. Ruch, and L. M. Terman. Range: grades 2–9. Yonkers, N. Y.: World Book Co.

2599. **Survey Test of Reading**, by L. J. O'Rourke. Range: Form D, grades 3–6; Form F, grades 7–13. Washington, D. C.: Psychological Institute, 1931.

2600. **Vocabulary and Reading Power Tests**, by L. J. O'Rourke. Range: grades 3–13. Washington, D. C.: Psychological Institute.

2601. **Pressey Diagnostic Reading Tests**, by S. L. Pressey and L. C. Pressey. Range: grades 3–9. Bloomington, Ill.: Public School Publishing Co., 1929.

2602. **Pressey Diagnostic Reading Scales**, by L. C. Pressey, S. H. Wang and H. S. Cheu. Range: grades 3–6. Bloomington, Ill.: Public School Publishing Co., 1925.

2603. **Pressey Diagnostic Test in Fundamental Reading Habits**, by L. C. Pressey. Range: separate tests for grade 2, grades 3 and 4, grades 5 and 6 (may be used in grades 7 and 8 also). Bloomington, Ill.: Public School Publishing Co., 1929.

2604. **Pressey Examination for Chapters I–VI of the "Little Cliff Dweller,"** by L. C. Pressey. Range: grades 3–5. Bloomington, Ill.: Public School Publishing Co., 1922.

2605. **Pressey Examination for Chapters I–XXII of "Robinson Crusoe,"** by L. C. Pressey. Range: grades 3–6. Bloomington, Ill.: Public School Publishing Co., 1922.

2606. **Pressey First Grade Reading Vocabulary Test**, by L. W. Pressey. Range: grade 1. Bloomington, Ind.: Department of Psychology, Indiana University, 1921.

2607. **Progressive Reading Tests**, by E. W. Tiegs and W. W. Clark. Range: Elementary, grades 4–6; Intermediate, grades 7–9. Hollywood, Calif.: Southern California School Book Depository, 1934–1936.

2608. **Providence Inventory Tests—Reading Comprehension.** Range: grades 4–8. Providence, R. I.: Public Schools.

2609. **Public School Achievement Test in Reading**, by J. S. Orleans and T. L. Torgerson. Range: grades 3–8. Bloomington, Ill.: Public School Publishing Co.

2610. **Sangren-Woody Reading Test**, by P. V. Sangren and C. Woody. Range: grades 4–8. Yonkers, N. Y.: World Book Co., 1926.

2611. **Emporia Silent Reading Test**, by H. E. Schrammel and W. S. Gray. Range: grades 3–8. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College, 1933.

2612. **Shank Tests of Reading Comprehension**, by S. Shank. Range: Test I, grades 3–6; Test II, grades 7–9; Test III, grades 10–12. Cincinnati, Ohio: C. A. Gregory Co., 1929.

2613. **Word-Discrimination Test**, by J. Speiden. Range: junior high school. Ref: Monroe, M., and Backus, B. Remedial reading. Boston: Houghton Mifflin, 1937.

2614. **Stone Narrative Reading Tests**, by C. R. Stone and others. Range: test for grades 3–9. Bloomington, Ill.: Public School Publishing Co., 1922.

2615. **Final Test in Fifth-Grade Reading: Comprehensive Objective Tests for Fifth-Grade Pupils in Texas**, by I. Maris, J. J. Wilson, and A. L. Long. Oklahoma City, Okla.: Harlow Publishing Co., 1933.

2616. **Final Test in Seventh-Grade Reading: Comprehensive Objective Tests for Seventh-Grade Pupils in Texas**, by A. L. Long, J. J. Wilson, R. Rochefort, R. L. Bunting, and G. Rochefort. Oklahoma City, Okla.: Harlow Publishing Co., 1931–1933.

2617. **Thorndike-McCall Reading Scale**, by E. L. Thorndike and W. A. McCall. Range: grades 2–12. New York: Bureau of Publications, Teachers College, Columbia University, 1920.

2618. **Williams Reading Test for Grades 4 to 9**, by A. J. Williams. Bloomington, Ill.: Public School Publishing Co., 1929.

2619. **Witham Silent Reading Tests**, by E. C. Witham. Range: grades 5–12. Newark, N. J.: J. L. Hammett Co., 1921.

2620. **Woody Silent Reading Test**, by C. Woody. Range: grades 4–12. New York: Bureau of Publications, Teachers College, Columbia University, 1922.

The following items are not generally available:

2621. **Courtis Standard Research Tests in Silent Reading, No. 2**, by S. A. Courtis. Range: grades 2–6. Detroit: S. A. Courtis, 1917. (Not available.)

2622. **Dearborn-Westbrook Reading Examination,** by W. F. Dearborn and C. H. Westbrook. Range: grades 3–7. Boston: W. F. Dearborn, Harvard University, Graduate School of Education, 1920. (Not available.)

2623. **Fordyce's Scale for Measuring Achievements in Reading,** by C. Fordyce. Range: Test 1, grades 3–5; Test 2, grades 6–9. Lincoln: Bureau of Measurements and Research, University of Nebraska, 1916. (Not available.)

2624. **Jones Scale for Teaching and Testing Elementary Reading,** by R. G. Jones. Range: grades 1–3. Lakewood, Ohio: R. G. Jones, 17909 Lake Road, 1915. (Samples available.)

2625. **Minnesota Reading Scale,** by Bureau of Cooperative Research, University of Minnesota. Range: scale for grades 3–5; scale for grades 6–9. Minneapolis, Minn.: University of Minnesota. (Out of print.)

2626. **Price's Practical Oral Reading Test,** by E. D. Price. Range: grades 2–8. Enid, Oklahoma: E. D. Price, 1918. (Sample copies only available.)

2627. **Thorndike Reading Scale, Alpha 2: Silent Reading,** by E. L. Thorndike. Range: grades 3–12. New York: Bureau of Publications, Teachers College, Columbia University, 1920. (Out of print.)

High School Level Reading

See also tests in preceding section.

2628. **Preliminary Diagnostic Tests to Measure Eighteen Reading Skills,** by A. M. Broening, F. H. Law, M. S. Wilkinson, and C. Ziegler. Ref: Broening, A. M., Law, F. H., Wilkinson, M. S., and Ziegler, C. Reading for skill. New York: Noble and Noble, 1936.

2629. **Tests for Measuring Comprehension in Ninth Grade Reading,** by L. Case. Ref: Case, L. Two standardized tests for measuring comprehension in ninth grade reading. Chicago: Unpublished Master's Thesis, University of Chicago, 1920.

2630. **Regents Preliminary Silent Reading Test,** by W. W. Coxe. Range: grade 8. Albany, N. Y.: University of the State of New York, 1922.

2631. **Denver Curriculum Tests in Reading and Literature.** Range: grades 7–9. Denver, Colo.: Denver Public Schools, 1927.

2632. **Detroit Reading Test,** by C. M. Parker and E. A. Waterbury. Range: Test 4, grades 7–9. Yonkers, N. Y.: World Book Co.

2633. **Iowa Silent Reading Test, Advanced,** by H. A. Greene, A. N. Jorgensen, and V. H. Kelley. Range: high school and first year college. Iowa City: Bureau of Educational Research and Service, State University of Iowa, 1927, 1931.

2634. **Monroe Standardized Silent Reading Test III,** by W. S. Monroe. Range: grades 9–12. Bloomington, Ill.: Public School Publishing Co., 1920.

2635. **Poley Précis Test (A Test by Paragraph Summaries of Reading Comprehension),** by I. C. Poley. Range: high school and college freshmen. Bloomington, Ill.: Public School Publishing Co., 1927.

2636. **General Reading Test: Senior Survey Tests,** by S. L. Pressey. Range: grade 12. Columbus, Ohio: Ohio Scholarship Tests, Department of Education, State of Ohio, 1934–35.

2637. **Reading Speed and Comprehension: Senior Survey Tests,** by S. L. Pressey. Range: grade 12. Columbus, Ohio: Ohio Scholarship Tests, Department of Education, State of Ohio, 1934–35.

2638. **Special Reading Test: Senior Survey Tests,** by S. L. Pressey. Range: grade 12. Columbus, Ohio: Ohio Scholarship Tests, Department of Education, State of Ohio, 1934–35.

2639. **Progressive Reading Tests, Advanced,** by E. W. Tiegs and W. W. Clark. Range: grades 9–13. Hollywood, Calif.: Southern California School Book Depository, 1934.

2640. **Purdue Reading Test,** by H. H. Remmers and J. M. Stalnaker. Range: grades 7–12 and college. Lafayette, Ind.: Lafayette Printing Co., 1928.

2641. **Shank Tests of Reading Comprehension,** by S. Shank. Test II, grades 7–9; Test III, grades 10–12. Cincinnati, Ohio: C. A. Gregory Co., 1929.

2642. **Traxler Silent Reading Test,** by A. E. Traxler. Range: grades 7–10. Bloomington, Ill.: Public School Publishing Co., 1934. Ref: Traxler, A. E. The measurement and improvement of silent reading at the junior-high school level (private edition). University of Chicago Libraries, 1932. Also: Traxler, A. E. The teaching of corrective reading in the junior high school. Bloomington, Ill.: Public School Publishing Co.

2643. **Van Wagenen Reading Scales,** by M. J. Van Wagenen. Range: grades 7–12. Scales in History, General Science and English Literature. Bloomington, Ill.: Public School Publishing Co., 1922.

2644. **Buffalo Reading Test for Speed and Comprehension,** by M. E. Wagner. Range: grades 7–16. Buffalo, N. Y.: University of Buffalo, 1933. Ref: Wagner, M. E. Study of the superior student in high school and college. Buffalo, N. Y.: University of Buffalo, 1933.

2645. **Whipple High School and College Reading Test,** by G. M. Whipple. Range: high school and college. Bloomington, Ill.: Public School Publishing Co., 1926.

2646. **Smith Silent Reading Paragraphs for High Schools,** by B. M. Smith. Oak Park, Ill.: B. M. Smith, High School. (Not available.)

See also addenda, Test 4250.

College and Adult Level Reading

See also tests in preceding sections.

2647. **Adult Reading Test,** by G. T. Buswell. Ref: Buswell, G. T. How adults read. University of Chicago Supplementary Educational Monographs, No. 5, 1937; Chapter IV and Appendix.

2648. **College Qualifications Test in Reading,** by J. J. De Boer. Ref: De Boer, J. J. A college qualifications test in reading. English Journal, 1932, 21, 629–641.

2649. **Iowa Comprehension Tests,** by C. E. Seashore and others. Range: high school seniors and college students. Iowa City: Bureau of Educational Research and Service, State University of Iowa, 1923, 1924.

2650. **Knode XYZ Reading Test (Mimeographed),** by J. C. Knode. Range: college freshmen. Albuquerque, N. M.: University of New Mexico.

2651. **Reading Test: University of Missouri,** by M. F. Meyer. Range: college freshmen. Ref: Smith, H. L., and Wright, W. W. Second revision of the bibliography of educational measurements. Bulletin of the School of Education, Indiana University, 1927, 4, No. 2.

2652. **Minnesota Reading Examinations for College Students,** by M. E. Haggerty and A. C. Eurich. Range: grade 9 through college. Minneapolis: University of Minnesota Press, 1930, 1935. Ref: Eurich, A. C. The reading abilities of college students. Minneapolis: University of Minnesota Press.

2653. **Minnesota Speed of Reading Tests for College Students,** by A. C. Eurich. Range: grades 9–16. Minneapolis, Minn.: University of Minnesota Press. Ref: Eurich, A. C. The reading abilities of college students. Minneapolis, Minn.: University of Minnesota Press, 1931.

2654. **Mount Holyoke College Reading Test,** by the Psychological Laboratory Staff. Range: grades 12–13. South Hadley, Mass.: The Psychological Laboratory, Mount Holyoke College.

2655. **Nelson-Denny Reading Test for Colleges and Senior High Schools,** by M. J. Nelson and E. C. Denny. Boston: Houghton Mifflin Co., 1929.

2656. **New York University Silent Reading Test.** Range: adult level. New York: Reading Clinic of the Division of General Education, New York University, Washington Square North, 1937.

2657. **Reading Efficiency Tests**, by W. B. Pitkin. Range: adult level. Ref: Pitkin, W. B. The art of rapid reading. New York: McGraw-Hill Book Co., 1929. Also: Pitkin, W. B. How we learn. New York: McGraw-Hill Book Co., 1931.

2658. **Reading Tests for College Freshmen**, by L. C. Pressey. Ref: Pressey, L. C. A manual of reading exercises for freshmen. Columbus, Ohio: Ohio State University Press, 1928.

2659. **Reading Tests for Voters and Citizenship**, by A. E. Rejall. New York: Noble and Noble.

2660. **Oklahoma College Reading Test**, by J. W. Shepherd. Norman, Okla.: Department of Educational Cooperation, University of Oklahoma. Ref: Shepherd, J. W. College freshman placement tests. Phi Delta Kappan, 1929, 11, 131–133.

See also addenda, Tests 4222, 4245, 4278.

RELIGIOUS EDUCATION

2661. **My Ideas about Religion: Northwestern University Religious Education Tests**, by G. H. Betts. Range: grades 7–9. Evanston, Ill.: Division of Research, School of Education, Northwestern University, 1929. Ref: Watson, G. B. What tests can we use in church schools? Religious Education, 1928, 23, 213–219.

2662. **Test of Religious Beliefs**, by W. G. Binnewies. Ref: Binnewies, W. G. Measuring changes in opinion. Sociology and Social Research, 1931, 16, 143–148.

2663. **A Test of Liberal Thought**, by A. T. Case. Range: college students and adults. New York: Bureau of Publications, Teachers College, Columbia University, 1928. Ref: Case, A. T. Liberal Christianity in religious education. New York: Macmillan Co., 1924, Chapter 7.

2664. **Chassell Multiple Choice Test of Religious Ideas**, by C. F. Chassell and L. M. Chassell. Range: grades 4–12. New York: Institute of Social and Religious Research and Survey. Ref: Athearn, W. S. Indiana survey of religious education. Volume II. New York: George H. Doran Co., 1925. Also: Chassell, C. F., and Chassell, L. M. A test of religious ideas involving the ranking of selected answers. Religious Education, 1922, 17, 55–59.

2665. **Teacher's Rating Scale for Sunday School Pupils**, by C. F. Chassell. Ref: Chassell, C. F. Some new tests in religious education. Religious Education, 1921, 16, 318–336.

2666. **Drew Tests in Religious Education**, by C. F. Chassell. Range: grades 3–8. Ref: Chassell, C. F. Some new tests in religious education. Religious Education, 1921, 16, 318–336.

2667. **Measuring Certain Aspects of Faith in God**, by H. I. Donnelly. Philadelphia, Pa.: Westminster Press, 1931.

2668. **Measurement of the Comprehension Difficulty of the Precepts and Parables of Jesus**, by S. P. Franklin. University of Iowa Studies in Character, 1928, 2, No. 1.

2669. **A Religious Ideas Test**, by A. N. Franzblau. Ref: Franzblau, A. N. Religious belief and character among Jewish adolescents. TCConEd, No. 634, 1934.

2670. **Giles Church School Examination, A**, by J. T. Giles. Range: ten years of age and over. Madison, Wisc.: State Department of Education, 1920. Ref: Athearn, W. S. (Editor). The Indiana survey of religious education. New York: George H. Doran Co., 1925, Vol. II, 382ff.

2671. **Boston University Revision of Giles' Church School Examination, Alpha**, by W. L. Hanson. Range: persons over 12 years of age. Ref: Athearn, W. S. (Editor). Indiana survey of religious education. Volume II. New York: George H. Doran Co., 1925.

2672. **Hartshorne's Scale for Measuring Growth in Religion**, by H. Hartshorne. Range: grades 2–8. New York: Union Theological Seminary. Ref: Religious Education, 1919, 14, 148–155.

2673. **Laycock Test of Biblical Information**, by S. R. Laycock. Range: grades 7–12. New York: Association Press, 1922. Ref: Laycock, S. R. The Laycock Test of Biblical Information. JEdPs, 1925, 16, 329–334.

2674. **Advanced Bible Knowledge Test**, by E. Porter and others. Range: adult classes, college students and volunteer leaders. New York: Association Press, 1929.

2675. **Brief Test of Religious Education**, by G. B. Watson. New York: Association Press. Ref: Watson, G. B. Experiments with religious education tests. New York: Program Papers, No. 5, Association Press, 1926.

2676. **Test of Religious Thinking**, by G. B. Watson. Range: grades 3–8, high school and above. Revision of Union Tests. New York: Association Press, 1929.

2677. **Whitley Biblical Knowledge Test**, by M. T. Whitley. Old and New Testament Forms. Range: grade 5 to adult. New York: Bureau of Publications, Teachers College, Columbia University, 1920.

2678. **A Test of Religious Aptitude**, by M. H. Wilson. Range: high school and college. Chicago: C. H. Stoelting Co., 1935.

2679. **A Test of Religious Aptitude Concerning Nature**, by M. H. Wilson. Range: college. Chicago: C. H. Stoelting Co., 1935.

2680. **A Test of Religious Aptitude Concerning People**, by M. H. Wilson. Range: college. Chicago: C. H. Stoelting Co., 1935.

The following items have incomplete references or are not generally available:

2681. **Belief Pattern Scale (Religion)**. Mentioned in Kirkpatrick, C., and Stone, S. Attitude measurement and the comparison of generations. JApPs, 1935, 19, 564–582.

2682. **Bogardus Advanced Bible Knowledge Test.** Mentioned by Watson, G. B. What tests can we use in church schools? Religious Education, 1928, 23, 213–219.

2683. **Crissman Bible Tests**, by G. R. Crissman. Range: high school and college. Alva, Oklahoma: G. R. Crissman, 1925.

STUDY HABITS AND SKILLS

2684. **Tests of Use of Books and Libraries**, by V. Barker. Ref: Barker, V. Informal testing of the use of books and libraries. EleEngRev, 1933, 10, 143, 174, 205.

2685. **Philadelphia Index and Dictionary Test**, by the Board of Education and H. Barthelmess. Philadelphia: Division of Educational Research, Board of Education, 1934.

2686. **Philadelphia Test in Outlining**, by H. Barthelmess. Range: grade 6. Philadelphia, Pa.: Division of Educational Research, Board of Education.

2687. **Diagnostic Tests to Determine Knowledge of Study Tools and Techniques in the Social Studies**, by G. Boynigton. Ref: Boynigton, G. Experiments with diagnostic tests to determine knowledge of study tools and techniques in the social studies. Second Yearbook, National Council for Social Studies, 1931–32, 132–163.

2688. **Briggs Dictionary Test**, by T. H. Briggs. Range: junior and senior high school. New York: American Book Co., 1923. Ref: Briggs, T. H. A dictionary test. TCRec, 1923, 24, 355–365.

2689. **Cavins Dictionary Test**, by E. W. Cavins. Range: elementary and high school. Normal, Ill.: E. W. Cavins, Illinois State Normal University, 1926.

2690. **Chicago Sustained Application Profile Sheet.** Chicago: University of Chicago Book Store.

2691. **Clatworthy Library Test for College Students**, by L. M. Clatworthy. Denver, Colo.: University of Denver Library, 1932.

2692. **Denver Curriculum Dictionary Test.** Range: grade 7A. Denver, Colo.: Denver Public Schools, 1927.

2693. **Denver Curriculum Test in Library Science.** Range: grade 7B. Denver, Colo.: Denver Public Schools, 1926.

2694. **Studiousness Rating Scale,** by A. C. Eurich. Ref: Eurich, A. C. An analysis of self-ratings on studiousness traits. JApPs, 1930, 14, 577–591.

2695. **Study-Habits Questionnaire,** by M. E. Herriott. Ref: Herriott, M. E. Attitudes as factors of scholastic success. University of Illinois Bulletin, 1929, No. 47.

2696. **Illinois Diagnostic Study Tests.** Range: college. Urbana, Ill.: Bureau of Educational Research, University of Illinois.

2697. **Attitudes and Skills in the Use of References: Every Pupil Test,** by E. E. Lewis. Range: grades 5–8, 9–12. Columbus, Ohio: Ohio Scholarship Tests, Department of Education, State of Ohio, 1935.

2698. **McClusky Dolch Study Outline Tests,** by F. D. McClusky and E. W. Dolch. Range: high school and college. Bloomington, Ill.: Public School Publishing Company, 1926. Ref: McClusky, F. D., and Dolch, E. W. A study outline test. SchRev, 1924, 32, 757–772.

2699. **Study Outline Test,** by J. M. Stalnaker. Ref: Stalnaker, J. M. American Council psychological examination for 1926 at Purdue University. SchSoc, 1928, 27, 86–88.

2700. **Studiousness Questionnaire,** by P. M. Symonds. Ref: Symonds, P. M. A studiousness questionnaire. JEdPs, 1928, 19, 152–167.

2701. **Study Performance Test,** by H. A. Toops, and the Committee on College Entrance, Ohio State University. Range: college. Columbus, Ohio: Ohio State University, 1931–1932.

2702. **Tyler-Kimber Study Skills Test,** by H. Tyler and G. C. Kimber. Range: high school and college. Stanford University, Calif.: Stanford University Press, 1938.

2703. **Reading Study Habit Scale (Preliminary),** by C. Woody. Range: elementary school or higher. Ref: Woody, C. Results of the testing program in the Ironwood Public Schools. Ann Arbor: Bureau of Educational Reference and Research, University of Michigan, Bull. No. 146, 1933.

2704. **Study-Habits Inventory,** by C. G. Wrenn and R. B. McKeown. Range: grade 12 and college. Stanford University, Calif.: Stanford University Press, 1933–1934.

2705. **Young-Estabrooks Scale for Measuring Studiousness by Means of the Strong Vocational Interest Blank for Men,** by C. W. Young and G. H. Estabrooks. Range: high school and college. Stanford University, Calif.: Stanford University Press, 1936. Ref: Young, C. W., and Estabrooks, G. H. Report on the Young-Estabrooks Studiousness Scale for Use with the Strong Vocational Interest Blank for Men. JEdPs, March, 1937, 28, 176–187.

See also addenda, Tests 4253, 4256.

SCIENCE

General, Scientific Thinking, and Unclassified

2706. **Tests of Resourcefulness,** by R. O. Beauchamp and H. A. Webb. Ref: Beauchamp, R. O., and Webb, H. A. Resourcefulness, an unmeasured ability. SchScMath, 1927, 27, 457–465.

2707. **Comprehensive Examination in Natural Science Survey. (Foundations and the Physical Sciences.)** Range: college level. Ref: Buckingham, G. E., and Lee, R. E. A technique for testing unified concepts in science. JEdR, 1936, 30, 20–27.

2708. **Caldwell Science Tests (Botany, Chemistry, Zoology, and Physics),** by O. W. Caldwell. Range: grades 7, 8 and 12. Ref: Caldwell, O. W. The Gary public schools, science teaching. New York: General Education Board, 1919.

2709. **Zoölogy Scales**, by J. A. Cederstrom. Ref: Cederstrom, J. A. Retention of information gained in courses in college zoölogy. JGenetPs, 1930, 38, 516–520.

2710. **Cooperative General Science Test (High School)**, by O. E. Underhill and S. R. Powers. Range: high school science. New York: Cooperative Test Service, 1933–1937. (Also Revised Series N, a short form.)

2711. **Cooperative General Science Test for College Students**, by R. W. Tyler, H. W. Farwell, G. M. Kay, W. J. Eckert, S. R. Powers, F. L. Fitzpatrick, O. E. Underhill, V. H. Noll, and A. W. Schindler. Range: grades 13–15. New York: Cooperative Test Service, 1933–1937.

2712. **Cooperative Geology Test: Historical Geology, Parts I and II**, by G. M. Kay. Range: 1 to 2 semesters of historical geology. New York: Cooperative Test Service, Provisional Form 1933.

2713. **Cooperative Geology Test: Physical Geology**, by G. M. Kay. Range: 1 to 2 semesters of physical geology. New York: Cooperative Test Service, Provisional Form 1933.

2714. **Cooperative Zoology Tests**, by W. M. Barrows, F. P. Frutchey, J. W. Price, L. H. Snyder, and R. W. Tyler. Range: college classes. Test I. Information; Test II. Scientific Method; Test C. Composite—Information and Scientific Method. New York: Cooperative Test Service, 1934–1936. Ref: Tyler, R. W. Constructing achievement tests. Columbus, Ohio: Bureau of Educational Research, Ohio State University, 1934, 14–41, 70–76.

2715. **Denver Curriculum Tests in General Science.** Range: grades 7 and 8. Denver, Colo.: Denver Public Schools, 1926.

2716. **Downing Range of Information Test**, by E. R. Downing. Range: grade 7 to college sophomore. Chicago: University of Chicago Bookstore, 1919, 1920. Ref: Downing, E. R. A range of information test in science. SchScMath, 1919, 19, 228–233.

2717. **Test of Scientific Thinking**, by E. R. Downing. Range: grades 4–12. Ref: Downing, E. R. Some results of a test on scientific thinking. Science Education, 1936, 20, 121–128.

2718. **Dvorak General Science Scales**, by A. Dvorak. Range: junior and senior high school. Bloomington, Ill.: Public School Publishing Co., 1924.

2719. **Analytical Scales of Attainment in Elementary Science**, by A. Dvorak and M. J. Van Wagenen. Range: Division 2, grades 5–6; Division 3, grades 7–8; Division 4, grade 9. Minneapolis, Minn.: Educational Test Bureau, 1933.

2720. **Science Examinations for Bowden's "Foundations of Science,"** by J. P. Fitzwater. Philadelphia, Pa.: P. Blakiston's Son and Co., 1931.

2721. **General Science, Forms I and II: Comprehensive Objective Tests in High School Subjects**, by E. E. Halley; edited by G. C. Wells. Oklahoma City, Okla.: Harlow Publishing Co., 1932–1935.

2722. **George Washington University Medical School Tests in Bacteriology**, by O. B. Hunter and F. A. Moss. Range: persons studying bacteriology. Washington, D. C.: Bureau of Public Personnel Administration, 1925. Ref: Hunter, O. B., and Moss, F. A. Standardized tests in bacteriology. PubPerS, 1925, Vol. II, No. 2, p. 52.

2723. **General Science: State High School Tests for Indiana**, by G. Shantz, F. Donaghy, R. Karpinski, and W. L. Perkins. Range: first, second semesters. Lafayette, Ind.: Division of Educational Reference, Purdue University. New form each semester.

2724. **Every-Pupil Test in General Science: Iowa Every-Pupil Testing Program**, by A. W. Schindler; edited by C. J. Lapp. Range: high school. Iowa City: Bureau of Educational Research and Service, Extension Division, State University of Iowa. New form each year. Ref: Schindler, A. W. Subject matter circular in general science: Fifth Annual Iowa Academic Contest. Iowa City, Iowa: State University of Iowa, 1933.

2725. **Kansas State Teachers College Every Pupil Scholarship General Science Test.** Range: first, second semesters. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College. New forms each year.

2726. **A Test to Accompany "A General Science Workbook,"** by C. H. Lake, L. E. Welton and J. C. Adell. New York: Silver, Burdett and Co., 1931.

2727. **Tests in General Science,** by C. H. Lake, H. P. Harley, and L. E. Welton. For use with the text "Exploring the World of Science" by C. H. Lake, H. P. Harley, and L. E. Welton. New York: Silver, Burdett and Co., 1935.

2728. **Attitudes and Backgrounds of Science Students,** by J. B. Maller. New York: J. B. Maller, Institute of School Experimentation, Teachers College, Columbia University (in mimeographed form). Ref: Maller, J. B. Bibliography of character and personality tests. New York: Bureau of Publications, Teachers College, Columbia University, 1937, p. 60.

2729. **General Science Test: National Achievement Tests,** by R. K. Speer and S. Smith. Range: grades 7–9. Rockville Center, L. I.: Acorn Publishing Co., 1936. Experimental Edition.

2730. **What Do You Think?,** by V. H. Noll. Range: grades 8–12. New York: Bureau of Publications, Teachers College, Columbia University, 1934. Ref: Noll, V. H. Measuring scientific thinking. TCRec, 1933, 35, 202–212. Also: Noll, V. H. The habit of scientific thinking—a handbook for teachers—including a manual to accompany "What Do You Think?", a test of scientific thinking. New York: Bureau of Publications, Teachers College, Columbia University, 1935.

2731. **Odell Scales for Rating Pupils' Answers to Nine Types of Thought Questions in General Science,** by C. W. Odell. Range: junior and senior high school. Urbana, Ill.: Bureau of Educational Research, University of Illinois, 1927.

2732. **General Science: Every Pupil Test,** by W. L. Arnholt. Range: high school. Columbus, Ohio: Ohio Scholarship Tests, Department of Education, State of Ohio, 1935.

2733. **Tests on Everyday Problems in Science,** by C. J. Pieper and W. L. Beauchamp. Chicago: Scott, Foresman and Co., 1927.

2734. **Plymouth Educational Miscellaneous Laboratory Tests.** Chicago: Plymouth Press.

2735. **Powers General Science Test,** by S. R. Powers. Range: grades 7–9. New York: Bureau of Publications, Teachers College, Columbia University, 1926.

2736. **Mid-term Examination in General Science,** by E. Rentrop. Range: grade 8. Ref: Ruch, G. M., and Rice, G. A. Specimen objective examinations. Chicago: Scott, Foresman and Co., 1931, 181–191.

2737. **Ruch-Popenoe General Science Test,** by G. M. Ruch and H. F. Popenoe. Range: grades 7–9. Yonkers, N. Y.: World Book Co., 1923.

2738. **Johnstown Tests in Science,** by H. J. Stack. Ref: Stack, H. J. Johnstown tests in science. SchScMath, 1927, 27, 854–862.

2739. **Toops General Science Test,** by H. A. Toops. Range: college freshmen. Ref: Toops, H. A. A general science test. SchScMath, 1925, 25, 817–822.

2740. **Ability to Use Scientific Method,** by R. Tyler. Ref: Tyler, R. Ability to use scientific method. Educational Research Bulletin, 1932, 11, No. 1, 1–9.

2741. **Science Tests,** by R. K. Watkins and R. C. Bedell. Ref: Watkins, R. K., and Bedell, R. C. Learning and test activities in general science. New York: Macmillan Co., 1931.

2742. **Objective Tests in General Science,** by E. W. Watson and I. W. Manley. Range: grade 9. To accompany Book III of the Wood and Carpenter "Our Environment Series," entitled "Our Environment, How We Use and Control It." New York: Allyn and Bacon, 1929.

2743. **Webb Test in Laboratory Resourcefulness,** by H. A. Webb. Range: high school and college. Nashville, Tenn.: H. A. Webb, George Peabody College for Teachers, 1922.

2744. **General Science Tests**, by H. A. Webb. Ref: Webb, H. A. General science instruction in the grades—Part II, the reaction of children of the last three grammar grades to science. George Peabody College for Teachers Contributions to Education, No. 4. Nashville, Tenn.: George Peabody College for Teachers, 1921.

2745. **Wisconsin General Science Examinations**, by J. T. Giles, S. M. Thomas, and H. W. Schmidt. Range: junior high school. Madison, Wisc.: State Department of Public Instruction.

2746. **Wisconsin General Science Test**, by Bureau of Records and Guidance and the Wisconsin Science Test Committee (V. Dohse, E. Cox, H. Lugg, G. Peterson, K. Rawson, C. Stewart, H. W. Schmidt, and I. C. Davis, Chairman); edited by T. L. Torgerson for the Wisconsin Achievement Testing Program. Range: grade 9. Milwaukee, Wisc.: E. M. Hale and Co., 1935.

The following items have incomplete references or are not available:

2747. **Bureau of Public Personnel Administration—Test in Pathology**, by O. B. Hunter, T. Cajigas, and F. A. Moss. Range: persons studying pathology. Chicago: Bureau of Public Personnel Administration, 1925. (Not available.)

2748. **Cooperative Astronomy Test.** New York Cooperative Test Service, 1930, 1931. (Not available.)

2749. **Cooperative Zoology Tests.** Range: high school classes. New York City: Cooperative Test Service, 1932. (Not available.)

2750. **Scientific Thinking**, by Dunn. Listed by Maller, J. B. Bibliography of character and personality tests. New York: Bureau of Publications, Teachers College, Columbia University, 1932, p. 8.

2751. **Maxwell First Year Science Tests**, by P. A. Maxwell. Range: high school. Avalon, Pa.: P. A. Maxwell. (Not available.)

2752. **Pittsburgh General Science Test.** Pittsburgh, Pa.: Department of Curriculum Study, Pittsburgh Public Schools. (Not available.)

Physiology, Biology, Botany

2753. **Tests to Accompany a Biology Workbook**, by J. C. Adell, O. O. Dunham and L. E. Welton. Boston: Ginn and Co., 1929.

2754. **Cooperative Biology Test**, by F. L. Fitzpatrick and S. R. Powers. Range: 1 year of high school biology. New York: Cooperative Test Service, 1933–1937. Also Revised Series, Form N, a shorter form. Ref: Tyler, R. W. Tests in biology. SchScMath, 1933, 33, 590–595.

2755. **Cooperative Botany Tests**, by F. K. Butters, P. O. Johnson, F. P. Frutchey, R. B. Gordon, C. W. Horton, H. C. Sampson, L. H. Tiffany, and R. W. Tyler. Test I. Information, Four Objectives of Elementary Botany. Test II. Interpretation of Experiments and Application of Principles. Test III. Composite. New York: Cooperative Test Service, 1934–1936. Ref: Tyler, R. W. Constructing achievement tests. Columbus, Ohio: Bureau of Educational Research, Ohio State University, 1934, 14–41, 70–76.

2756. **Cooprider Information Exercises in Biology**, by J. L. Cooprider. Range: high school. Bloomington, Ill.: Public School Publishing Co., 1924.

2757. **Tests for "Biology for Today,"** by F. D. Curtis and N. H. Sherman. For use with "Biology for Today," by O. W. Caldwell, F. D. Curtis, and N. H. Sherman. Boston: Ginn and Co., 1934.

2758. **D–G Biology Test Sheets.** Range: high school and college. Forty-six separate test sheets on all phases of biology. Chicago: Denoyer-Geppert Co., 5235–57 Ravenswood Avenue. Also, New York: 2929 Broadway, 1935.

2759. **Detroit Examinations in Biology.** Range: high school. Detroit, Mich.: Detroit Public Schools, 1927.

2760. **Objective Tests in Biology**, by R. A. Dodge. To accompany "New Biology" by Smallwood, Reveley and Bailey. New York: Allyn and Bacon, 1937.

2761. **Downing-McAtee Biology Unit Tests,** by E. R. Downing and V. M. McAtee. (To accompany "A Learning Guide in Biology" by Downing and McAtee.) Range: high school. New York: Lyons and Carnahan, 1936.

2762. **Gill-Schrammel Physiology Test,** by E. M. Gill and H. E. Schrammel. Range: junior and senior high school. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College, 1936.

2763. **A Test for Nature Study Courses for Upper Elementary Grades,** by H. A. Gray. Ref: Gray, H. A. An approach to the measurement of biological attitudes and appreciations. JEdR, 1934, 28, 25–29.

2764. **Diagnostic Physiology Test.** Ref: Greene, H. A., and Torgensen, A. M. Use and interpretation of educational measurements. New York: Longmans, Green and Co., 1929, p. 351.

2765. **Grier Range of Information Test in Biology,** by N. M. Grier. Range: grades 8 through high school. Ref: Grier, N. M. The range of information in biology III, botany. JEdPs, 1919, 10, 509–516.

2766. **Hunter-Kitch Mastery Tests in Biology,** by G. W. Hunter, and L. W. Kitch. For use with "Problems in Biology" by G. W. Hunter. New York: American Book Co., 1934.

2767. **Biology Test: State High School Tests for Indiana,** by S. A. Rifenburgh and C. Galloway; edited by H. H. Remmers. Range: first, second semesters. Lafayette, Ind.: Division of Educational Reference, Purdue University, 1935–1936. (New form each semester.)

2768. **Every-Pupil Test in Biology: Annual Iowa Every-Pupil Testing Program,** by P. Kambly. Range: high school. Iowa City: Bureau of Educational Research and Service, State University of Iowa. New form each year. Ref: Cochran, K. L. Subject matter circular in biology: Fourth Annual Iowa Academic Contest. Iowa City: College of Education, State University of Iowa, 1932.

2769. **Jordan-Foran Catholic High School Biology Tests,** by E. B. Jordan and T. G. Foran. Range: high school. Washington, D. C.: Catholic Education Press, 1926.

2770. **Biology: Every Pupil Scholarship Test,** by W. E. Simpson and E. Wilson. Range: first and second semesters. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College. New forms each semester.

2771. **Kansas State Teachers College Scholarship Contest Physiology Test.** Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College.

2772. **Virginia Biology Test,** by F. S. King. Charlottesville, Va.: Bureau of Tests and Measurements, Department of Education, University of Virginia, 1928.

2773. **Michigan Botany Test,** by O. W. Laidlaw and C. Woody. Range: first year botany. Bloomington, Ill.: Public School Publishing Co., 1925.

2774. **First Year High School Biology: Manchester Semester-End Achievement Tests,** by O. W. Neher, L. B. Freed, A. B. Krom, and D. Keefer. Range: first, second semesters. North Manchester, Ind.: Bureau of Tests and Measurements, Manchester College. New form each semester.

2775. **Oakes-Powers General Biology Test,** by M. E. Oakes and S. R. Powers. Range: grades 9–12. New York: Bureau of Publications, Teachers College, Columbia University, 1929.

2776. **Biology: Every Pupil Test,** by D. H. Kruger. Range: high school. Columbus, Ohio: Ohio Scholarship Tests, Department of Education, State of Ohio, 1935.

2777. **Olmsted's Diagnostic Physiology Test,** by M. C. Olmsted. Range: grades 7 and 8. Clarkeston, Washington: Public Schools, 1921.

2778. **Presson Biology Test,** by J. M. Presson and L. A. King. Range: high school and college. Yonkers, N. Y.: World Book Co., 1929.

2779. **Public School Achievement Test in Nature Study,** by J. S. Orleans, G. A. Sealy, and T. L. Torgerson. Range: grades 4–8. Bloomington, Ill.: Public School Publishing Co.

2780. **Richards Achievement Test in Biology,** by O. W. Richards. Range: high school or college. Chicago: C. H. Stoelting Co., 1927.

2781. **Ruch-Cossman Biology Test,** by G. M. Ruch and L. H. Cossman. Range: high school and college. Yonkers, N. Y.: World Book Co., 1924.

2782. **Biology: Multiple-Purpose Objective Tests in High School Subjects,** by R. R. Spafford, and edited by C. W. Odell. Oklahoma City, Okla.: Webb-Duncan Publishing Co., 1932.

2783. **Biology Tests,** by T. R. Stemen and W. S. Myers. Oklahoma City, Okla.: Harlow Publishing Co., 1930, 1931, 1932.

2784. **Final Tests in Physiology: Comprehensive Objective Tests for Pupils in Texas,** by A. L. Long and J. J. Wilson. Range: tests for grades 6 and 7. Oklahoma City, Okla.: Harlow Publishing Co., 1933.

2785. **A Test of Skill in Using a Microscope,** by R. W. Tyler. Ref: Tyler, R. W. A test of skill in using a microscope. Educational Research Bulletin, 1930, 9, 493–496.

2786. **Van Wagenen Reading Scales in Biology,** by M. J. Van Wagenen. Range: for college use. Minneapolis, Minn.: Educational Test Bureau, 1929.

2787. **Tests Accompanying "Unit Studies in Biology,"** by B. A. Walpole. Philadelphia, Pa.: J. B. Lippincott Co., 1937.

2788. **Williams Biology Test,** by J. R. Williams. Range: high school. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College, 1934. Ref: Williams, J. R. Construction of an objective test in biology for high school. Unpublished Master's Thesis, Kansas State Teachers College, Emporia, Kansas, 1934.

2789. **Wisconsin Biology Test,** by Bureau of Records and Guidance and the Wisconsin Biology Test Committee; edited by T. L. Torgerson for the Wisconsin Achievement Testing Program. Range: high school. Milwaukee, Wisc.: E. M. Hale and Co., 1935.

2790. **Cooperative Elementary Biology and Nature Study Test.** New York: Cooperative Test Service, 1930, 1931. (Not available.)

Chemistry

2791. **Bell Test in First Year Chemistry,** by J. C. Bell. Range: first year chemistry classes. Ref: Bell, J. C. A test in first year chemistry. JEdPs, 1918, 9, 199–209.

2792. **Cohn-Briscoe Chemistry Tests,** by K. E. Cohn and H. T. Briscoe. New York: Mentzer-Bush, 1936.

2793. **Columbia Research Bureau Chemistry Test,** by E. R. Jette, S. R. Powers, and B. D. Wood. Range: high school and college. Yonkers, N. Y.: World Book Co., 1927.

2794. **Cooperative Chemistry Test (High School),** by V. H. Noll and S. R. Powers. Range: one year of high school chemistry. New York: Cooperative Test Service, 1933–1937. Also Revised Series, Form N, a short form.

2795. **Cooperative Chemistry Tests for College Classes,** by B. H. Handorf, B. C. Hendricks, O. M. Smith, F. P. Frutchey, J. E. Day, A. G. Horney, and R. W. Tyler. New York: Cooperative Test Service, 1933–1937. Test I—Information; Test II—Scientific Method; Test C—Composite. Ref: Frutchey, F. P. Measuring the ability to apply chemical principles. Educational Research Bulletin, 1933, 12, 255–260. Also: Horney, A. G. Testing the achievement of students in chemistry. Journal of Chemical Education, 1934, 11, 360–366.

2796. **Detroit Examination in Chemistry.** Range: high school. Detroit, Mich.: Detroit Public Schools, 1926.

2797. **Dull Chemistry Tests,** by C. E. Dull. Tests to accompany "Modern Chemistry," by C. E. Dull. New York: Henry Holt and Co., 1933.

2798. **Standardized Tests Based on Emery-Downey-Davis-Boynton's "Chemistry in Everyday Life."** Chicago: Lyons and Carnahan, 1928.

2799. **George Washington University General Chemistry Test,** by F. A. Moss, W. M. Loman, W. Middleton, and H. F. Hubbard. Range: college. Washington, D. C.: Center for Psychological Service, 1927.

2800. **George Washington University Organic Chemistry Test,** by J. H. Roe, T. Hunt, D. Stubbs, and H. F. Hubbard. Range: college. Washington, D. C.: Center for Psychological Service, 1929.

2801. **Gerry Test of High School Chemistry,** by H. L. Gerry. Range: high school chemistry. Boston: Ginn and Co., 1922, 1927.

2802. **Glenn-Welton Chemistry Achievement Test,** by E. R. Glenn and L. E. Welton. Range: Test I, end of first semester; Test II, end of second semester. Yonkers, N. Y.: World Book Co., 1938.

2803. **Chemistry Information Test,** by W. F. Hyde and J. P. Guilford. Ref: Hyde, W. F., and Guilford, J. P. Test for classification of students in chemistry. JApPs, 1925, 9, 196–202.

2804. **Chemistry Test: State High School Tests for Indiana,** by F. J. Allen. Range: first, second semesters. Lafayette, Ind.: Division of Educational Reference, Purdue University. New forms each year.

2805. **Chemistry: Every Pupil Test,** by F. E. Gnagey and R. W. Edmiston. Range: high school. Columbus, Ohio: Ohio Scholarship Tests, Department of Education, State of Ohio, 1935.

2806. **Chemistry: Every Pupil Scholarship Test,** by D. Cole. Range: high school. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College. New form each year.

2807. **Objective Tests in Chemistry,** by J. D. Kegler. Ref: Ruch, G. M., and Rice, G. A. Specimen objective examinations. Chicago: Scott, Foresman and Co., 1931, 162–173.

2808. **Malin Diagnostic Test in the Mechanics of High School Chemistry,** by J. E. Malin. Bloomington, Ill.: Public School Publishing Co., 1932.

2809. **First Year High School Chemistry: Manchester Semester-End Achievement Tests,** by D. Martin, C. C. Schubert, R. D. Black, C. W. Holl, and P. Reber. Range: first, second semesters. North Manchester, Ind.: Bureau of Tests and Measurements, Manchester College. New form each semester.

2810. **Chemistry: Multiple-Purpose Objective Tests in High School Subjects,** by J. M. Michever, J. A. Glover, J. W. E. Stogsdill, and edited by C. W. Odell. Oklahoma City, Okla.: Webb-Duncan Publishing Co., 1932–1933.

2811. **General Achievement Test in Chemistry (For Use with Differentiated Study Guide in Chemistry),** by C. D. Morneweck, C. A. Buckner, and G. R. Kirschner. Range: high school chemistry. Minneapolis, Minn.: Educational Test Bureau.

2812. **Unit Progress Tests in Chemistry (For Use with Differentiated Study Guide in Chemistry),** by C. D. Morneweck, C. A. Buckner, and G. R. Kirschner. Range: high school chemistry. Minneapolis, Minn.: Educational Test Bureau.

2813. **Noll Tests in General Inorganic Chemistry,** by V. H. Noll. For classifying students entering a beginning course in college chemistry or to measure those who have completed the course. Minneapolis, Minn.: V. H. Noll, University of Minnesota. Ref: Kinder, J. S., and Odell, C. W. Educational tests for use in institutions of higher learning. University of Illinois Bulletin, 1930, 27, 46–47.

2814. **Persing Laboratory Chemistry Test,** by K. M. Persing. Range: high school. Bloomington, Ill.: Public School Publishing Co., 1930.

2815. **New-Type Tests in Chemistry for Secondary Schools,** by T. C. Polson. Range: principally second semester chemistry. Ref: Ruch, G. M., and Rice, G. A. Specimen objective examinations. Chicago: Scott, Foresman and Co., 1931, 142–154.

2816. **Powers General Chemistry Test,** by S. R. Powers. Range: classes in general chemistry. Yonkers, N. Y.: World Book Co., 1922.

2817. **Rauth-Foran Chemistry Test,** by J. W. Rauth and T. G. Foran. Range: students of high school chemistry. Washington, D. C.: Catholic Education Press, 1924.

2818. **Rich Chemistry Tests, Gamma and Epsilon,** by S. G. Rich. Range: high school and college. Bloomington, Ill.: Public School Publishing Co., 1923.

2819. **Rivett's Time Limit Test in Chemistry,** by B. J. Rivett. Range: first year chemistry. Detroit, Mich.: Northwestern High School, 1920.

2820. **Chemistry Tests,** by M. C. Watson. Oklahoma City, Okla.: Harlow Publishing Co., 1930–1934.

2821. **Webb Test of Previous Information in Chemistry,** by H. A. Webb. Range: beginning of first year chemistry. Nashville, Tenn.: H. A. Webb, George Peabody College for Teachers, 1919. Ref: Webb, H. A. A preliminary test in chemistry. JEdPs, 1919, 10, 36–43.

2822. **Bowser's General Chemistry Tests,** by J. W. Bowser. Waynesburg, Pa.: J. W. Bowser. (Not available.)

Physics

2823. **Harvard Elementary Physics Test,** by N. H. Black and F. M. Burlingame. Range: students studying elementary physics. Boston: Ginn and Co., 1927.

2824. **Iowa Physics Tests,** by H. L. Camp. Range: high school physics. Bloomington, Ill.: Public School Publishing Co., 1920.

2825. **The Measurement of Physics Information,** by J. C. Chapman. Ref: Chapman, J. C. The measurement of physics information. SchRev, 1919, 27, 748–756.

2826. **Columbia Research Bureau Physics Tests,** by H. W. Farwell and B. D. Wood. Range: following a course in high school physics or college entrance. Yonkers, N. Y.: World Book Co., 1926.

2827. **Cooperative Physics Test for College Students,** by H. W. Farwell, C. J. Lapp, H. B. Lemon, F. Palmer, J. T. Tate, and A. G. Worthing, with the cooperation of the Committee on Tests of the American Association of Physics Teachers. (Includes Mechanics, Heat, Sound, Light, Electricity, and Modern Physics.) Range: one year of college physics. New York: Cooperative Test Service, 1933–1938. Ref: American Association of Physics Teachers, Committee on Tests. The 1934–1935 college physics testing program. Supplement to the American Physics Teacher, 1935, 3, 145–159.

2828. **Cooperative Physics Test (High School),** by H. W. Farwell. Range: one year of high school physics. New York: Cooperative Test Service, 1932–1937.

2829. **Detroit Examination in Physics.** Range: high school. Detroit, Mich.: Detroit Public Schools, 1927.

2830. **Franzen Test in the Applied Physics of Mechanics, Heat and Sound,** by C. G. F. Franzen. Range: high school and university. Ref: Smith, H. L., and Wright, W. W. Second revision of the bibliography of educational measurements. Bulletin of the School of Education, Indiana University, 1927, 4, No. 2.

2831. **Fulmer-Schrammel Physics Test,** by V. G. Fulmer and H. E. Schrammel. Range: high school. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College, 1934.

2832. **Glenn-Obourn Instructional Test in Physics**, by E. R. Glenn and E. L. Obourn. Range: grades 11–13. Yonkers, N. Y.: World Book Co., 1929.

2833. **Physics: Multiple-Purpose Objective Tests in High School Subjects**, by J. A. Glover, J. W. E. Stogsdill, and edited by C. W. Odell. Oklahoma City, Okla.: Webb-Duncan Publishing Co., 1932.

2834. **Hughes Physics Scales**, by J. M. Hughes. Range: high school physics and college entrants. Bloomington, Ill.: Public School Publishing Co., 1926.

2835. **Hurd Final Test in High School Physics**, by A. W. Hurd. New York: Bureau of Publications, Teachers College, Columbia University, 1930.

2836. **High School Physics: Comprehensive Tests in High School Subjects**, by M. E. Hurst; edited by G. C. Wells. Oklahoma City, Okla.: Harlow Publishing Co., 1930–1934.

2837. **Physics: State High School Tests for Indiana**, by J. F. Mackell. Range: first, second semesters. Lafayette, Ind.: Division of Educational Reference, Purdue University. New form each semester.

2838. **Iowa Achievement Examinations in College Physics**, by C. J. Lapp. Range: students of first and second year college physics. Iowa City: Bureau of Educational Research and Service, University of Iowa, 1926.

2839. **Every-Pupil Tests in Physics: Iowa Every-Pupil Testing Program**, by A. W. Schindler; edited by C. J. Lapp. Range: high school. Iowa City: Bureau of Educational Research and Service, Extension Division, State University of Iowa. New form each year.

2840. **Kansas State Teachers College Scholarship Contest Physics Test.** Range: first, second semesters. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College. New forms each semester.

2841. **Kilzer-Kirby Inventory Test for the Mathematics Needed in High School Physics**, by L. R. Kilzer and T. J. Kirby. Range: high school physics. Bloomington, Ill.: Public School Publishing Co., 1929.

2842. **Tests in High School Physics**, by V. C. Lohr. Ref: Lohr, V. C. A comparison of some tests given in high school physics. SchScMath, 1927, 27, 74–85.

2843. **High School Physics: Manchester Semester-End Achievement Tests**, by C. S. Morris, C. C. Schubert, C. O. Skaar, J. Shanahan, and H. L. Veatch. Range: first, second semesters. North Manchester, Ind.: Bureau of Tests and Measurements, Manchester College. New form each semester.

2844. **Physics: Every Pupil Test**, by J. D. Teller and C. M. Senn. Range: high school. Columbus, Ohio: Ohio Scholarship Tests, Department of Education, State of Ohio, 1935.

2845. **Peters-Watkins Objective Tests for High School Physics**, by C. J. Peters and R. K. Watkins. Range: high school. Columbia, Mo.: University High School, 1926.

2846. **Michigan Instructional Tests in Physics**, by P. V. Sangren and W. G. Marburger. Range: grades 11–12. Bloomington, Ill.: Public School Publishing Co., 1929. (Initial Test for Prognosis.)

2847. **Stewart-Ashbaugh Physics Tests**, by A. W. Stewart and E. J. Ashbaugh. Range: first and second semester. Bloomington, Ill.: Public School Publishing Co., 1931.

2848. **Torgerson-Rich-Ranney Tests in High School Physics**, by T. L. Torgerson, C. L. Rich, and H. Ranney. Range: first, second semesters. Cincinnati, Ohio: C. A. Gregory Co., 1935.

The following items have incomplete references or are not available:

2849. **Chapman Test in Electricity and Magnetism, Sound and Light**, by J. C. Chapman. Range: high school physics classes. New Haven: Yale University, 1919. (Out of print.)

2850. **Miller's Tests in Mechanics and Heat**, by P. S. Miller. Range: secondary schools. Meriden, Conn.: P. S. Miller. (Not available.)

2851. **Numerical Problems in High School Physics,** by D. P. Randall. Listed by Smith, H. L., and Wright, W. W. Second revision of the bibliography of educational measurements. Bulletin of the School of Education, Indiana University, 1927, 4, No. 2.

2852. **Randall, Chapman and Sutton's Test in Mechanics,** by D. P. Randall and others. Cleveland, Ohio: Western Reserve University. (Not available.)

2853. **Starch's Physics Test,** by D. Starch. Range: first year physics. Madison, Wisc.: University Cooperative Co., 1916. (Out of print.)

2854. **Tilton's Physics Completion Tests,** by H. W. Tilton. Range: grades 11 to first year of college. Pittsburgh: South High School, 1921 and 1922. (Not available.)

SOCIAL STUDIES, CIVICS, CURRENT AFFAIRS

2855. **Almack Tests in American Civics and Government,** by J. C. Almack and C. A. Gregory. Range: junior and senior high school, normal school, and junior college. Cincinnati, Ohio: C. A. Gregory Co., 1928.

2856. **American Council Civics and Government Test,** by R. D. Leigh, J. D. McGoldrick, P. H. Odegard and B. D. Wood. Range: high school and college. Yonkers, N. Y.: World Book Co., 1928.

2857. **Atlanta Social Science Examination.** Atlanta, Ga.: Atlanta Public Schools, Department of Testing and Guidance.

2858. **Bear Test on the United States Constitution,** by M. V. Bear. Range: grades 8–12, and college. Bloomington, Ill.: Public School Publishing Co., 1930.

2859. **My Code: Northwestern University Citizenship Tests,** by G. H. Betts. Range: grades 7–9. Includes "The Best Thing To Do" and "How I Feel About It." Evanston, Ill.: Division of Research, School of Education, Northwestern University, 1933.

2860. **Black-Schrammel Sociology Test,** by W. A. Black and H. E. Schrammel. Range: high school. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College, 1936.

2861. **Brown-Woody Civics Test,** by A. W. Brown and C. Woody. Range: grades 7–12. Yonkers, N. Y.: World Book Co., 1926.

2862. **Burton Civics Test,** by W. H. Burton and V. N. Burton. Range: grades 5–9. Yonkers, N. Y.: World Book Co., 1928.

2863. **Burton Social-Science-Civics Tests,** by W. H. Burton. Range: grades 7–12. Cincinnati, Ohio: C. A. Gregory Co., 1930.

2864. **Clark Exercises in the Use of Historical Evidence,** by M. G. Clark, and sponsored by the Commission on the Social Studies of the American Historical Association. Range: grades 3–6. New York: Charles Scribner's Sons, 1934. Ref: Kelley, T. L., and Krey, A. C. Tests and measurements in the social sciences. New York: Charles Scribner's Sons, 1934.

2865. **Cooperative Contemporary Affairs Test for College Students,** by A. C. Eurich, E. C. Wilson, G. A. Hill, and others. Range: grades 12–16. New York: Cooperative Test Service, 1934–1937.

2866. **Cooperative Current Literature and Arts Test for High School Classes,** by A. C. Eurich, E. C. Wilson, G. A. Hill, et al. New York: Cooperative Test Service, 1937.

2867. **Cooperative Current Public Affairs Test for High School Classes,** by A. C. Eurich, E. C. Wilson, G. A. Hill, et al. New York: Cooperative Test Service, 1937.

2868. **Cooperative General Culture Test,** by E. F. Lindquist, H. R. Anderson, C. W. Hart, J. Tiffin, S. Timberg, J. Storck, and others. Range: college students. New York: Cooperative Test Service, 1933–1936.

2869. **Cooperative Test of Social Studies Abilities,** by J. W. Wrightstone. New York: Cooperative Test Service, 1936. Ref: Wrightstone, J. W. Measuring some major objectives of the social studies. SchRev, 1935, 43, 771–779.

2870. **Denver Curriculum Tests in Social Science.** Range: grades 7–9. Denver, Colo.: Denver Public Schools, 1927.

2871. **Detroit Examination in Social Science.** Range: intermediate grades. Detroit, Mich.: Public Schools.

2872. **Tests for Knowledge of Terms in Civics,** by M. H. Ellis. Ref: Ellis, M. H. A specific vocabulary study in eighth-grade civics. Durham, N. C.: Master's Thesis, Duke University, 1934.

2873. **Current Affairs Test,** by A. C. Eurich and E. C. Wilson. Range: high school students and adults. Chicago: Time, Inc. New forms twice a year.

2874. **Fort-Lindsey Standardized Constitution Test,** by J. C. Lindsey and L. M. Fort. Mitchell, S. D.: Constitution Publishing Co., 1924.

2875. **Tests in the Social Studies,** by A. N. Gibbons. Iowa City: Athens Press, Publications of the National Council for Social Studies, No. 3, 1928. (Includes working skill test in social science material and social science reading composition test.)

2876. **U. S. Constitution as a Game,** by M. M. Guhin. Range: grades 8–12. Aberdeen, S. D.: Hub City School Supply Co., 1925.

2877. **American Government and Civics: Comprehensive Tests in High School Subjects,** by G. Haley; edited by G. C. Wells. Range: grades 7 and 8. Oklahoma City, Okla.: Harlow Publishing Co., 1931.

2878. **Community Civics: Comprehensive Tests in High School Subjects,** by G. Haley; edited by G. C. Wells. Content based on "Our Community Life," by C. L. King and J. L. Barnard. Oklahoma City, Okla.: Harlow Publishing Co., 1931–1934.

2879. **Hill Civic Attitude Test,** by H. C. Hill. Range: grades 6–12. Bloomington, Ill.: Public School Publishing Co., 1926. Ref: Fowler, O. F. The civic attitudes of high school sophomores. SchRev, 1928, 36, 25–37.

2880. **Hill Civic Information Test,** by H. C. Hill. Range: grades 6–12. Bloomington, Ill.: Public School Publishing Co., 1926.

2881. **Twenty Tests in Community Civics,** by H. C. Hill. For use with H. C. Hill's "Vocational Civics" and "Community and Vocational Civics"; and H. C. Hill and D. H. Sellers' "My Occupation." Boston: Ginn and Co., 1931.

2882. **Fourteen Tests in Vocational Civics,** by H. C. Hill. For use with H. C. Hill's "Vocational Civics" and "Community and Vocational Civics"; and H. C. Hill and D. H. Sellers' "My Occupation." Boston: Ginn and Co., 1931.

2883. **Hill-Wilson Civic Action Test,** by H. C. Hill and H. E. Wilson. Range: grades 6–12. Bloomington, Ill.: Public School Publishing Co., 1928.

2884. **Complete Testing Program for Indiana Schools in Social Studies: Diagnostic-Remedial Tests,** edited by J. G. Meyer and F. E. Day, with the assistance of Indiana teachers. Range: grades 4, 5, 6. North Manchester, Ind.: Bureau of Tests and Measurements, Manchester College, 1936.

2885. **Every-Pupil Test in Understanding of Contemporary Affairs: Iowa Every-Pupil Testing Program,** by H. R. Anderson, E. F. Lindquist, et al. Range: grades 9–12. Iowa City: Bureau of Educational Research and Service, Extension Division, State University of Iowa. New form each year. Ref: Anderson, H. R. (Edited by E. F. Lindquist.) The Every-Pupil tests in the social studies. Supplement to University of Iowa Bulletin, New Series No. 716. Iowa City: University of Iowa, 1933.

2886. **Every-Pupil Test in American Government: Iowa Every-Pupil Testing Program,** by E. B. Plaehn. Range: high school. Iowa City: Bureau of Educational Research and Service, Extension Division, State University of Iowa. New form each year. Ref: Anderson, H. R. (Edited by E. F. Lindquist.)

The Every-Pupil tests in the social studies. Supplement to University of Iowa Bulletin, New Series No. 716. Iowa City, Iowa: University of Iowa, 1933.

2887. **American Government: Every Pupil Scholarship Test**, by D. A. McConnell and F. E. Mordy. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College. New form each April.

2888. **Kansas Every Pupil Test in Contemporary World Problems**, by W. Taylor. Emporia, Kansas: Kansas State Teachers College. New form each year.

2889. **Kansas Social Studies Unit Test**, by H. E. Schrammel, F. Frease and others. Range: grades 4, 6, and 8. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College, 1936.

2890. **Kansas State Teachers College Scholarship Contest Constitution Test.** Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College, 1927, 1928.

2891. **Kansas State Teachers College Scholarship Contest Social Civics Test.** Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College, 1927.

2892. **Social Science Word Association Test**, by T. L. Kelley and M. R. Trabue. New York: Charles Scribner's Sons, 1932.

2893. **Kelty-Moore Test of Concepts in the Social Studies**, by M. G. Kelty and N. E. Moore, and sponsored by the Commission on the Social Studies, American Historical Association. Range: grades 4–9. New York: Charles Scribner's Sons, 1934. Ref: Kelley, T. L., and Krey, A. C. Tests and measurements in the social sciences. New York: Charles Scribner's Sons, 1934.

2894. **Kepner Background Test in Social Science**, by T. Kepner. Range: grades 9–12. Cambridge, Mass.: Harvard University Press, 1924.

2895. **Picture Test of Social Concepts**, by J. M. Lacey. Ref: Lacey, J. M. Social studies concepts of children in the first three grades. TCConEd, 1932, No. 548.

2896. **Magruder-Chambers-Clinton American Civics and Government Test for High Schools and Colleges**, by F. A. Magruder, M. M. Chambers, and R. J. Clinton. Range: high school and college. Bloomington, Ill.: Public School Publishing Co.

2897. **Junior High School Civics Test: State High School Tests for Indiana**, by C. T. Malan. Range: first and second semesters. Lafayette, Ind.: Division of Educational Reference, Purdue University. New forms each semester.

2898. **Senior High School Civics: State High School Tests for Indiana**, by C. T. Malan. Range: first and second semesters. Lafayette, Ind.: Division of Educational Reference, Purdue University. New forms each semester.

2899. **Ninth Grade Civics: Manchester Semester-End Achievement Tests.** Range: first and second semesters. North Manchester, Ind.: Bureau of Tests and Measurements, Manchester College. New forms each semester.

2900. **United States Government Test: Manchester Semester-End Achievement Tests.** Range: first and second semesters. North Manchester, Ind.: Bureau of Tests and Measurements, Manchester College. New form each year.

2901. **Manry Test of Information and Judgment on International Affairs**, by J. C. Manry. Iowa City: University of Iowa Child Welfare Station.

2902. **The A.-D.-U. (Agreement, Disagreement, Uncertain) Thesis Response Test**, by E. Mason. Ref: Described in Mason, E. A.-D.-U. tests and examinations. HistOut, 1929, 20, 331–334.

2903. **Social Studies Tests**, by C. O. Mathews. Ref: Mathews, C. O. The grade placement of curriculum materials in the social studies. TCConEd, 1926, No. 241.

2904. **Melbo Social Science Survey Test**, by I. R. Melbo. Range: high school, college, and adults. Bloomington, Ill.: Public School Publishing Co., 1937.

2905. **Elementary Civics Test: Every-Pupil Scholarship Test,** by F. E. Mordy, H. E. Schrammel, et al. Range: grades 7–9. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College. New form each year.

2906. **Social Studies Test: National Achievement Tests,** by R. K. Speer and S. Smith. Range: grades 7–9. Rockville Center, L. I.: Acorn Publishing Co., 1936. Experimental edition.

2907. **Social Studies Achievement Tests,** by W. C. Nolan, J. V. Rausch, L. Stein, N. Keys, G. M. Ruch, E. Moulton, J. C. Almack and R. Bell. Range: grades 7–9. (For use with the Rugg Social Science Course.) Boston: Ginn and Co., 1935.

2908. **Odell Scales for Rating Pupils' Answers to Nine Types of Thought Questions in Civics,** by C. W. Odell. Range: junior and senior high school. Urbana, Ill.: Bureau of Educational Research, University of Illinois, 1927.

2909. **Patterson Test or Study Exercises on the Constitution of the United States,** by R. G. Patterson. Range: all ages. Bloomington, Ill.: Public School Publishing Co., 1931.

2910. **Patterson Tests on the Federal Constitution,** by R. G. Patterson. Range: high school and normal school. Boston: The Palmer Co., 1927.

2911. **Test of Concepts Used in the Social Studies,** by L. C. Pressey. Ref: Kelley, T. L., and Krey, A. C. Tests and measurements in the social studies. New York: Charles Scribner's Sons, 1934.

2912. **Working Skill Test in Social Science Materials,** by E. Riley. Ref: Ruch, G. M., and Rice, G. A. Specimen objective examinations. Chicago: Scott, Foresman and Co., 1931, 70–78.

2913. **Objective Examination in the Social Studies,** by G. M. Ruch and others. Chicago: Scott, Foresman and Co., 1926.

2914. **Tests to Accompany Workbook in Sociology,** by C. H. Schettler and G. E. Simpson. New York: American Book Co., 1931.

2915. **Social Studies Inventory Tests,** by B. R. Showalter. Ref: Showalter, B. R. Achievement in the social studies in the elementary school. New York: Unpublished Ph.D. Dissertation, Teachers College, Columbia University, 1925.

2916. **Stack Test in Community Civics,** by H. J. Stack. Range: grade 9. Johnstown, Pa.: Johnstown Public Schools, 1927. Ref: Stack, H. J. Standardized tests in community and economic civics. HistOut, 1927, 18, 166–178.

2917. **Objective Tests to Accompany "Students' Workbook in American Democracy,"** by V. A. Teeter. New York: McGraw-Hill Book Co., 1931.

2918. **Problems in Democracy: Comprehensive Objective Tests in High School Subjects,** by V. A. Teeter; edited by G. C. Wells. Oklahoma City, Okla.: Harlow Publishing Co., 1932.

2919. **Final Test in Civics: Comprehensive Objective Tests for Seventh Grade Pupils in Texas,** by A. L. Long, J. J. Wilson, M. Love, and R. L. Bunting. Range: grade 7. Oklahoma City, Okla.: Harlow Publishing Co., 1931–1933.

2920. **Civics—Final Examination,** by L. Turner. Range: high school. Ref: Ruch, G. M., and Rice, G. A. Specimen objective examinations. Chicago: Scott, Foresman and Co., 1931, 119–129.

2921. **Wesley Test in Political Terms,** by E. B. Wesley, and sponsored by the Commission on the Social Studies, American Historical Association. Range: grades 6–16. New York: Charles Scribner's Sons, 1932.

2922. **Wesley Test in Social Terms,** by E. B. Wesley, and sponsored by the Commission on the Social Studies, American Historical Association. Range: grades 6–16. New York: Charles Scribner's Sons, 1932.

2923. **Witham's Hall of Fame Test,** by E. C. Witham. Range: grade 7 through college. Newark, N. J.: J. L. Hammett Co., 1924.

2924. **Tests of Critical Thinking in the Social Studies (Elementary School Series),** by J. W. Wrightstone. New York: Bureau of Publications, Teachers College, Columbia University, 1938.

The following items are not available:

2925. **Constitution Test,** by Institute for Public Service. New York: Institute for Public Service, 5 Beekman St. (Not available.)

2926. **Culture Tests.** Used in the Pennsylvania survey. New York: Carnegie Foundation for the Advancement of Teaching. (Out of print.)

HISTORY

2927. **American Council European History Test,** by H. J. Carman, W. C. Langsam and B. D. Wood. Range: high schools and colleges. Yonkers, N. Y.: World Book Co., 1928.

2928. **American History Test for Catholic Elementary Schools,** by Sister Mary Dorothea and L. B. Fagan. Range: grades 7–8. Bloomington, Ill.: Public School Publishing Co., 1935.

2929. **Achievement Tests in World History,** by G. G. Andrews and H. R. Anderson. Boston: Ginn and Co., 1931.

2930. **Barnard Test in Roman History,** by A. F. Barnard. Ref: Rugg, E. U. Character and value of standardized tests in history. SchRev, 1919, 27, 757–771.

2931. **Barr Diagnostic Test in American History,** by A. S. Barr. Range: grades 8–12. Bloomington, Ill.: Public School Publishing Co., 1920.

2932. **Barr-Daggett Information Tests in American History,** by A. S. Barr and C. J. Daggett. Range: junior and senior high school. Minneapolis, Minn.: Educational Test Bureau, 1932.

2933. **Barr-Gifford American History Word-Meaning Test,** by A. S. Barr and C. W. Gifford. Range: grades 8–14. Bloomington, Ill.: Public School Publishing Co., 1930.

2934. **Bell and McCullum Test in United States History,** by J. C. Bell and D. F. McCullum. Range: classes in United States History. Ref: Bell, J. C., and McCullum, D. F. A study of the attainments of pupils in American history. JEdPs, 1917, 8, 257–274.

2935. **Twenty-four Tests to Accompany Robinson and Beard's "History of Europe: Our Own Times,"** by M. C. Bishop. Boston: Ginn and Co., 1930.

2936. **Twenty Tests to Accompany Muzzey's "History of the American People,"** by M. C. Bishop and E. K. Robinson. Boston: Ginn and Co., 1929.

2937. **Bowman United States History Test,** by L. G. Bowman. Range: grade 7–high school. Bloomington, Ill.: Public School Publishing Co., 1931.

2938. **Ancient and Medieval History: Comprehensive Objective Tests in High School Subjects,** by L. N. Brown, and edited by G. C. Wells. Oklahoma City, Okla.: Harlow Publishing Co., 1930–1934.

2939. **Buckingham's History Test,** by B. R. Buckingham. Ref: Buckingham, B. R. A survey of the Gary and prevocational schools of New York City. 17th Yearbook of the City Superintendent of Schools, New York City, 1914–15.

2940. **Examination for History I,** by J. Cameron. Range: high school. Ref: Ruch, G. M., and Rice, G. A. Specimen objective examinations. Chicago: Scott Foresman and Co., 1931, 78–85.

2941. **Canadian History Test,** by Department of Educational Research. Range: grade 8. Toronto, Canada: Department of Educational Research, University of Toronto, 1934.

2942. **Columbia Research Bureau American History Test,** by H. J. Carman, T. N. Barrows and B. D. Wood. Range: high school and college. Yonkers, N. Y.: World Book Co., 1926.

2943. **Junior American History Test,** by H. J. Carman, T. N. Barrows, and B. D. Wood. Range: grades 7, 8, and junior high school. Yonkers, N. Y.: World Book Co., 1929.

2944. **Cooperative American History Test,** by H. R. Anderson and E. F. Lindquist. Range: 1 year of American history in high school. New York: Cooperative Test Service, 1933–1937. Revised Series: Form N, a short form. Ref: Lindquist, E. F., and Anderson, H. R. Achievement tests in the social studies. Educational Record, 1933, 14, 198–256.

2945. **Cooperative Ancient History Test,** by H. R. Anderson and E. F. Lindquist. Range: 1 year of ancient history in high school. New York: Cooperative Test Service, Forms 1933–1937. Also Revised Series: Form O, a short form. Ref: Lindquist, E. F., and Anderson, H. R. Achievement tests in the social studies. Educational Record, 1933, 14, 198–256.

2946. **Cooperative English History Test,** by H. R. Anderson and E. F. Lindquist. Range: 1 year of English history in high school or college. New York: Cooperative Test Service, Forms 1933–1935. Ref: Lindquist, E. F., and Anderson, H. R. Achievement tests in the social studies. Educational Record, 1933, 14, 198–256.

2947. **Cooperative Medieval History Test,** by H. R. Anderson and E. F. Lindquist. Range: 1 year of medieval history in high school. New York: Cooperative Test Service, Forms 1933–1935. Ref: Lindquist, E. F., and Anderson, H. R. Achievement tests in the social studies. Educational Record, 1933, 14, 198–256.

2948. **Cooperative Modern European History Test,** by H. R. Anderson and E. F. Lindquist. Range: 1 year of modern European history in high school. New York: Cooperative Test Service, 1933–1937. Also Revised Series, Form N, a short form. Ref: Lindquist, E. F., and Anderson, H. R. Achievement tests in the social studies. Educational Record, 1933, 14, 198–256.

2949. **Cooperative World History Test,** by H. R. Anderson and E. F. Lindquist. Range: 1 year of world history or 2 years or more of history in grades 10–13. New York: Cooperative Test Service, 1934–1937. Ref: Lindquist, E. F., and Anderson, H. R. Achievement tests in the social studies. Educational Record, 1933, 14, 198–256.

2950. **World History: Comprehensive Objective Tests in High School Subjects,** by J. H. Crosby, and edited by G. C. Wells. Oklahoma City, Okla.: Harlow Publishing Co., 1934–1935.

2951. **Current History Test, prepared by Review of Reviews.** New York: Educational Department, Review of Reviews, 1931.

2952. **Ancient and Medieval History: Multiple-Purpose Objective Tests in High School Subjects,** by E. Daves, and edited by C. W. Odell. Oklahoma City, Okla.: Webb-Duncan Publishing Co., 1932.

2953. **Modern European History: Multiple-Purpose Objective Tests in High School Subjects,** by E. Daves, W. D. Nance, and edited by C. W. Odell. Oklahoma City, Okla.: Webb-Duncan Publishing Co., 1932.

2954. **Davis-Hicks Informational Test in United States History,** by S. B. Davis and E. E. Hicks. New York: Macmillan Co., 1920.

2955. **South Portland Current History Test,** by L. C. Day. South Portland, Maine: Board of Education. New form each year, mimeographed. Ref: Day, L. C. Boys and girls and current events. ElemSchJ, 1936, 36, 354–361. Also: Day, L. C. Local opportunity and knowledge of current events. ElemSchJ, 1937, 38, 44–51.

2956. **Denny-Nelson American History Test,** by E. C. Denny and M. J. Nelson. Range: grades 7 and 8. Yonkers, N. Y.: World Book Co., 1928.

2957. **Denver Curriculum Tests in American and World History.** Range: grades 10–11. Denver, Colo.: Denver Public Schools, 1927.

2958. **Detroit Examinations in History.** Range: high school. Detroit, Mich.: Public Schools, 1925, 1926.

2959. **Diagnostic Test in Modern European History.** Range: high school. Bloomington, Ind.: Indiana University Bookstore.

2960. **Ely-King Interpretation Tests in American History,** by L. A. Ely and E. King. Range: grade 8. Los Angeles, Calif.: Southern California School Book Depository, 1929.

2961. **Ely-King Tests in American History,** by L. A. Ely and E. King. Range: grade 8. Los Angeles, Calif.: Southern California Book Depository, 1927.

2962. **Test of Factual Relations in American History,** by E. S. Farley. Range: senior high school. Minneapolis, Minn.: Educational Test Bureau, 1936.

2963. **Factual Background Tests in History,** by A. N. Gibbons. Iowa City: Athens Press, Publications of the National Council for Social Studies, March, 1928. Ref: Kelley, T. L., and Krey, A. C. Tests and measurements in the social sciences. New York: Charles Scribner's Sons, 1934.

2964. **Gold History Vocabulary Test,** by M. S. Gold. Range: grades 9–11. Ref: Gold, M. S. Testing vocabulary in history. HistOut, 1926, 17, 285–291.

2965. **Goodman United States History Test,** by H. H. Goodman. Austin, Texas: University of Texas. Ref: Smith, H. L., and Wright, W. W. Second revision of the bibliography of educational measurements. Bulletin of the School of Education, Indiana University, 1927, 4, No. 2.

2966. **Gregory American History, Test III,** by C. A. Gregory. Range: grades 8–12 and college students. Cincinnati, Ohio: C. A. Gregory Co., 1926.

2967. **Gregory American History Tests,** Revised, by C. A. Gregory. Range: Test 1, grade 7; Test 2, grade 8. Cincinnati, Ohio: C. A. Gregory Co.

2968. **Gregory-Owen Tests in Medieval and Modern History,** by C. A. Gregory and A. D. Owen. Range: grade 11 through normal school. Cincinnati, Ohio: C. A. Gregory Co., 1926.

2969. **Griffin Content Examination in European History,** by H. D. Griffin. Range: college freshmen. Ref: Smith, H. L., and Wright, W. W. Second revision of the bibliography of educational measurements. Bulletin of the School of Education, Indiana University, 1927, 4, No. 2.

2970. **Test in American History for 8B,** by L. Hadley. Ref: Hadley, L. The construction of an 8B test in American history. Pittsburgh, Pa.: Master's thesis, University of Pittsburgh, 1935.

2971. **Hahn History Scale,** by H. H. Hahn. Range: grades 7 and 8. Bloomington, Ill.: Public School Publishing Co., 1922. (Now available only from H. H. Hahn, Nebraska State Teachers College, Wayne, Nebraska.)

2972. **Harlan Test for Information in American History,** by C. L. Harlan. Range: grades 7 through high school. Bloomington, Ill.: Public School Publishing Co., 1917.

2973. **Test on World History from Earliest Times through the Reformation,** by S. Hefley. Ref: Hefley, S. Test on world history from earliest times through the reformation. HistOut, 1929, 20, 27–29.

2974. **American History Test,** by R. E. Hyde. Ref: Hyde, R. E. The preparation and partial standardization of unit tests in American history. University of Pittsburgh Bulletin, 1921, 26, 84–91.

2975. **Complete Testing Program for Indiana Schools in History: Elementary Diagnostic-Remedial Tests,** by J. G. Meyer and F. E. Day, with the assistance of Indiana teachers. Range: grades 5, 6. North Manchester, Ind.: Bureau of Tests and Measurements, Manchester College.

2976. **American History Test: State High School Tests for Indiana,** by V. F. Dawald and L. Long. Range: first, second semesters. Lafayette, Ind.: Division of Educational Reference, Purdue University. New forms each semester.

2977. **World History Test: State High School Tests for Indiana,** by V. F. Dawald. Range: first, second semesters. Lafayette, Ind.: Division of Educational Reference, Purdue University. New forms each semester.

2978. **American History: Comprehensive Tests in High School Subjects,** by E. Larson and E. Powell, edited by G. C. Wells. Oklahoma City, Okla.: Harlow Publishing Co., 1930–1933.

2979. **Iowa General Information Tests in American History,** by M. G. DeGraff, G. M. Ruch and H. A. Greene. Range: grades 7–8, 11–12. Iowa City: Bureau of Educational Research and Service, State University of Iowa, 1927.

2980. **Every-Pupil Test in World History: Iowa Every-Pupil Testing Program,** by H. R. Anderson, and edited by G. G. Andrews. Range: high school. Iowa City: Bureau of Educational Research and Service, State University of Iowa. New form each year. Ref: Anderson, H. R. (edited by E. F. Lindquist.) The Every-Pupil Tests in the social studies. Supplement to University of Iowa Bulletin, New Series No. 716. Iowa City: University of Iowa, 1933.

2981. **Every-Pupil Test in United States History: Iowa Every-Pupil Testing Program,** by H. R. Anderson, and edited by G. G. Andrews. Range: high school. Iowa City: Bureau of Educational Research and Service, State University of Iowa. New form each year. Ref: Anderson, H. R. (edited by E. F. Lindquist). The every-pupil tests in the social studies. Supplement to University of Iowa Bulletin, New Series No. 716. Iowa City: University of Iowa, 1933.

2982. **History I: Every Pupil Scholarship Test,** by F. Frease. Range: grades 5–6. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College. New forms each year.

2983. **History II: Every Pupil Scholarship Test,** by F. Frease. Range: grades 7–8. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College. New forms each year.

2984. **Kansas State Teachers College Scholarship Contest American History Test.** Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College. New form each year.

2985. **Kansas State Teachers College Scholarship Contest World History Test.** Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College, 1928.

2986. **Kansas State Teachers College Scholarship Contest Current History Test.** Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College, 1928.

2987. **Kelley's Test of Historical Ability,** by T. L. Kelley. Range: grades 7–12. Ref: Kelley, T. L. Educational guidance: an experimental study in the analysis and prediction of ability of high school pupils. TCConEd, 1914, No. 71.

2988. **Analytical Scales of Attainment in American History,** by M. G. Kelty and M. J. Van Wagenen. Range: grades 7–8. Minneapolis, Minn.: Educational Test Bureau, 1932.

2989. **Unit Scales of Attainment in American History,** by M. G. Kelty and M. J. Van Wagenen. Range: Division 2, grades 5–6; Division 3, grades 7–8. Minneapolis, Minn.: Educational Test Bureau, 1932.

2990. **American History Tests,** by J. A. Kinneman. Range: high school students and college freshmen. Bloomington, Ill.: McKnight and McKnight.

2991. **American History Tests,** by E. Larson and E. Powell. Oklahoma City, Okla.: Harlow Publishing Co., 1930, 1931.

2992. **Lynch American History Test Series,** by I. R. Lynch. Range: grade 8. Minneapolis, Minn.: Educational Test Bureau, 1926.

2993. **Plymouth Educational Tests, No. 80A, United States History, Events-Dates,** by J. E. McDade. Range: grades 6–8. Chicago: Plymouth Press, 1922.

2994. **Plymouth Educational Tests, No. 81A, United States History, Events-Names,** by J. E. McDade. Range: grades 6–8. Chicago: Plymouth Press, 1922.

2995. **Plymouth Educational Tests, No. 82A, United States History, Names-Events,** by J. E. McDade. Range: grades 6–8. Chicago: Plymouth Press, 1922.

2996. **Jewish History Achievement Test**, by J. B. Maller and J. B. Pollak. New York: Union of Orthodox Jewish Congregations of America, 1930. Ref: Maller, J. B. Testing the knowledge of Jewish history. Cincinnati, Ohio: Department of Synagogue and School Extension of the Union of American Hebrew Congregations, 1932.

2997. **United States History: Manchester Semester-End Achievement Tests**, by C. R. Kein, A. Gump, J. C. Wagner, R. E. Moscher, et al. Range: first and second semesters. North Manchester, Ind.: Bureau of Tests and Measurements, Manchester College. New form each semester.

2998. **World-History Test: Manchester Semester-End Achievement Tests**, by A. W. Cordier, W. Ogden, R. Stout, et al. Range: first–second semesters. North Manchester, Ind.: Bureau of Tests and Measurements, Manchester College. New form each semester.

2999. **Achievement Test in Texas History**, by H. T. Manuel, E. M. Carrington, J. Knight, and W. R. Shaw. Range: upper elementary grades. Yonkers, N. Y.: World Book Co.

3000. **Maryland State Department of Education History Tests for Grades 4–7.** Ref: Kelley, T. L., and Krey, A. C. Tests and measurements in the social sciences. New York: Charles Scribner's Sons, 1934.

3001. **Mendenhall Tests for the Measurement of Ability in History**, by R. E. Mendenhall. Range: high school and college. Bemidji, Minn.: R. E. Mendenhall, State Teachers College, 1925.

3002. **Information Test in American History**, by R. E. Mendenhall. Range: grades 7 through college. Bemidji, Minn.: R. E. Mendenhall, State Teachers College, 1927.

3003. **World History: Multiple-Purpose Objective Tests in High School Subjects**, by S. Meriwether, and edited by C. W. Odell. Oklahoma City, Okla.: Webb-Duncan Publishing Co., 1932.

3004. **American History Tests**, by W. E. Michaelsohn. (Bound in West's "American People"). New York: Allyn and Bacon, 1932.

3005. **Modern European History Test.** Range: high school or college. Washington, D. C.: Center for Psychological Service. Ref: Segel, D. Tests in the social studies. Washington, D. C.: Circular No. 71, United States Department of the Interior, Office of Education, 1933.

3006. **U. S. History Tests**, by H. C. Moeller, F. C. Bowersox, and E. L. Ritter. Range: grades 7–8. Mason City, Iowa: H. A. Phillips, Box 315, 1934–1936.

3007. **American History: Multiple-Purpose Objective Tests in High School Subjects**, by W. D. Nance, and edited by C. W. Odell. Oklahoma City, Okla.: Webb-Duncan Publishing Co., 1932.

3008. **Odell Scales for Rating Pupils' Answers to Nine Types of Thought Questions in American History**, by C. W. Odell. Range: junior and senior high school. Urbana, Ill.: Bureau of Educational Research, University of Illinois, 1927.

3009. **Boston Research Test in United States History**, by O. C. Pennell. Range: grades 6–8. Ref: Pennell, O. C. Research tests in United States history. HistOut, 1924, 15, 128–143.

3010. **Philadelphia Survey Tests in History**, by P. A. Boyer. Range: grades 5–7. Philadelphia: Division of Educational Research, Philadelphia Public Schools, 1926, 1928. Ref: Browne, E. C., and Boyer, P. A. Report on survey test in history of the United States, grade 7B, conducted June, 1928. HistOut, 1929, 20, 17–23.

3011. **Spokane United States History Test**, by G. C. Pratt. Ref: Pratt, G. C. Spokane United States history test. JEdRes, 1921, 3, 155–157.

3012. **Pressey-Richards American History Test**, by L. C. Pressey and R. C. Richards. Range: grades 8–12. Bloomington, Ill.: Public School Publishing Co., 1922.

3013. **Pressey Tests of Historical Judgment**, by L. C. Pressey. Range: grades 6–12. Bloomington, Ill.: Public School Publishing Co., 1924.

3014. **Public School Achievement Test in History,** by J. S. Orleans and T. L. Torgerson. Range: grades 6–8. Bloomington, Ill.: Public School Publishing Co.

3015. **Ragatz Modern European History Test (George Washington University Series),** by L. J. Ragatz. Range: high school and college. Washington, D. C.: Center for Psychological Service, 1929. Ref: Kinder, J. S., and Odell, C. W. Educational tests for use in institutions of higher learning. University of Illinois Bulletin, 1930, 27, 49.

3016. **Rayner American History Test,** by W. H. Rayner. Range: students studying American history. Ref: Smith, H. L., and Wright, W. W. Second revision of the bibliography of educational measurements. Bulletin of the School of Education, Indiana University, 1927, 4, No. 2.

3017. **Renfrow Tests in European Background of American History,** by O. W. Renfrow. Range: grade 6. Cincinnati, Ohio: C. A. Gregory Co.

3018. **General History Test—Ancient and Medieval History,** by M. Robinson. Range: high school. Ref: Ruch, G. M., and Rice, G. A. Specimen objective examinations. Chicago: Scott, Foresman and Co., 1931, 85–102.

3019. **Rochester Board of Education American History Test for History III.** Ref: Ruch, G. M. The objective or new type examination. Chicago: Scott, Foresman and Co., 1929.

3020. **Rugg Tests for Historical Judgment,** by E. U. Rugg. Greeley, Colo.: Colorado State Teachers College.

3021. **Sackett's Scale in Ancient History,** by L. W. Sackett. Range: classes in ancient history. Austin: University of Texas, 1917. Ref: Sackett, L. W. A scale in ancient history. JEdPs, 1917, 8, 285–293.

3022. **Sackett's Scale in United States History,** by L. W. Sackett. Range: grades 5–12. Austin, Texas: University of Texas. Ref: Sackett, L. W. Communications. JEdPs, 1919, 10, 345–348.

3023. **Emporia United States History Tests,** by H. E. Schrammel, E. J. Calkins, H. Bechtoldt, F. Frease, and L. Wharton. Range: Test I, grades 5–6; Test II, grades 7–8. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College.

3024. **History Tests,** by I. J. Simpson, J. M. Gambrill and O. Moore. Range: grades 4–7. Baltimore, Md.: State Board of Education, 1928. Sample tests available. To be published by Ginn and Co., Yonkers, N. Y.

3025. **Sloyer Test in World History,** by M. W. Sloyer. Boston: The Palmer Co., 1928.

3026. **Soth-Vannest Proficiency Tests in United States History,** by M. R. Soth and C. G. Vannest. St. Louis, Mo.: Webster Publishing Co., 1929, 1935.

3027. **Every-Pupil Test in United States History: South Carolina Every-Pupil Testing Program,** by G. Graham, edited by A. R. Childs. Columbia, S. C.: South Carolina Every Pupil Testing Service, c/o W. C. McCall, Personnel Bureau, University of South Carolina, 1936. Ref: Kelly, J. G., McCall, W. C., et al. Summary report of results of the first annual South Carolina Every-Pupil Testing Program. Columbia, S. C.: University of South Carolina, Personnel Bureau, 1936.

3028. **Twenty-four Tests in World History to Accompany Robinson-Smith-Breasted's "Our World Today and Yesterday,"** by E. P. Stickney. Boston: Ginn and Co., 1930.

3029. **Twenty-four Tests in Ancient and Medieval History to Accompany Robinson and Breasted's "History of Europe: Ancient and Medieval,"** by E. P. Stickney. Boston: Ginn and Co., 1931.

3030. **Stormzand American History Teaching and Testing,** by M. J. Stormzand. Range: grades 7–12. New York: Macmillan Co., 1927.

3031. **Taylor-Schrammel World History Test,** by W. Taylor and H. E. Schrammel. Range: Test I—"Man Before History" through 1920; Test II—Napoleonic

period to present. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College, 1936.

3032. **Final Tests in Texas History: Comprehensive Objective Tests for Pupils in Texas,** by G. Rochefort, J. J. Wilson, A. L. Long, A. Yardley, and R. L. Bunting. Range: tests for grades 5–7. Oklahoma City, Okla.: Harlow Publishing Co., 1931–1933.

3033. **Tyrrell's American History Exercises,** by J. Tyrrell. Range: grades 7–12. Boston: The Palmer Co., 1925.

3034. **United States History Test.** Range: grades 7–8. Oklahoma City, Oklahoma: Harlow Publishing Co. Ref: Segel, D. Tests in the social studies. Washington, D. C.: Circular No. 71, United States Department of the Interior, Office of Education, 1933.

3035. **Vannest Diagnostic Test in Modern European History,** by C. G. Vannest. Range: secondary school. Bloomington, Ind.: Bureau of Cooperative Research, Indiana University, 1921.

3036. **English History: Comprehensive Objective Tests in High School Subjects,** by M. N. Watson, edited by G. C. Wells. Oklahoma City, Okla.: Harlow Publishing Co., 1934.

3037. **Modern European History: Comprehensive Tests in High School Subjects,** by M. N. Watson, edited by G. C. Wells. Oklahoma City, Okla.: Harlow Publishing Co., 1930–1934.

3038. **Wisconsin American History Test,** by Bureau of Records and Guidance and the Department of History, University of Wisconsin; edited by T. L. Torgerson for the Wisconsin Achievement Testing Program. Range: grade 12. Milwaukee, Wisc.: E. M. Hale and Co., 1935.

3039. **Witham Comprehensive History Test,** by E. C. Witham. Range: grades 7 and 8. Newark, N. J.: J. L. Hammett Co., 1924.

The following items have incomplete references or are not available:

3040. **Davis Test in United States History: Colonial Period,** by S. B. Davis. Range: grade 8 through high school. Pittsburgh: University of Pittsburgh, 1917. (Not available.)

3041. **Davis-Hicks Test on the Historical Content and Background of Caesar's Gallic War,** by S. B. Davis and E. E. Hicks. Range: for high school. Pittsburgh: University of Pittsburgh. (Not available.)

3042. **Davis and Hicks True-False Test in Roman History, Late Republican Period,** by S. B. Davis and E. E. Hicks. Range: grades 10–12. Rochester, N. Y.: M. D. Gray, East High School, 1922. (Not available.)

3043. **Examination for History 1–2,** by H. Fagan. Range: high school. Ref: Ruch, G. M., and Rice., G. A. Specimen objective examinations. Chicago: Scott, Foresman and Co., 1931, 103–118.

3044. **Fordyce's Test for History IV (Ancient),** by C. Fordyce. Range: for high schools. Muskogee, Oklahoma: High School. (Not available.)

3045. **Fordyce's Tests for History VII (American),** by C. Fordyce. Range: for high schools. Muskogee, Okla.: High School. (Not available.)

3046. **Fordyce's Test for History VI (Modern),** by C. Fordyce. Range: for high schools. Muskogee, Okla.: High School. (Not available.)

3047. **Fordyce's Test for History V (Medieval),** by C. Fordyce. Range: for high schools. Muskogee, Okla.: High School. (Not available.)

3048. **Oregon History Test,** by E. H. Hedrick and W. C. Hoppes. Range: elementary and high school students taking Oregon history. Salem, Oregon: Superintendent of Public Instruction, 1924. (Not available.)

3049. **Institute of Educational Research Ancient History Test,** by B. D. Wood. For college entrance. New York: Institute of Educational Research, Teachers College, 1922. (Not available.)

3050. **Moyer Self-Test in American History and Government**, by F. E. Moyer. Range: grades 7–12. New York: Self-Test Publishing Company, 1925. (Not available.)

3051. **Test of History of Poland**, by E. Rybicka. Mentioned in L'Anneé Psychologique, Vol. 32, p. 883.

3052. **Starch's American History Test, Series A**, by D. Starch. Range: grades 6 through high school. Madison, Wisc.: University Cooperative Co., 1916. (Out of print.)

3053. **General History Test**, by W. W. Theisen. Mentioned by Kepner, P. T. A survey of the test movement in history. JEdR, 1923, 7, 309–325.

3054. **Van Wagenen American History Scales**, by M. J. Van Wagenen. Range: Scale S1, grades 5 and 6; Scale S2, grades 7 and 8; Scale S3, grades 9–12; Scale R1, grades 5 and 6; Scale R2, grades 7 and 8. New York: Bureau of Publications, Teachers College, Columbia University, 1922. (Out of print.)

ECONOMICS

3055. **American Council Economics Test**, by H. Taylor, T. N. Barrows, and B. D. Wood. Range: high school and college. Yonkers, N. Y.: World Book Co., 1929.

3056. **Cooperative Economics Test**, by J. E. Partington, and others. Range: elementary economics, grades 11–14. New York: Cooperative Test Service, Provisional Forms, 1933, 1935.

3057. **Economics Test: State High School Tests for Indiana**, by W. F. Mitchell. Range: first and second semesters. Lafayette, Ind.: Division of Educational Reference, Purdue University, 1935. New forms each semester.

3058. **Every-Pupil Test in Economics: Seventh Iowa Every-Pupil Testing Program**, by H. R. Anderson, et al.; edited by J. E. Partington and G. W. Haskill. Range: high school. Iowa City: Bureau of Educational Research and Service, State University of Iowa. New form each year. Ref: Anderson, H. R. (Edited by E. F. Lindquist). The Every-Pupil tests in the social studies. Supplement to University of Iowa Bulletin, New Series No. 716. Iowa City: State University of Iowa, 1933.

3059. **Iowa Every Pupil Academic Contest Objective Examination in Economics.** Iowa City: State University of Iowa, 1930–1931.

3060. **Twelfth Year High School Economics: Manchester Semester-End Achievement Tests**, by J. R. Schutz, O. S. Hamer, C. E. Cook, et al. Range: first semester. North Manchester, Ind.: Bureau of Tests and Measurements, Manchester College. New form each year.

3061. **Government Test I—Economics**, by W. B. Munro. Ref: Barr, A. S. Measurement in civics. HistOut, 1926, 17, 25.

3062. **Economics: New York State Business Education Contest Association**, by G. R. Tilford. Range: high school. Syracuse, N. Y.: G. R. Tilford, State Contest Manager, Syracuse University. New form each year.

3063. **Shultz Test of Economic Ethics**, by E. B. Shultz. New York: Association Press.

3064. **Economics: Comprehensive Objective Tests in High School Subjects**, by V. A. Teeter, edited by G. C. Wells. Oklahoma City, Okla.: Harlow Publishing Co., 1932.

3065. **Survey Test on Economic and Industrial Society**, by E. A. Troppmann. Range: grade 9. Ref: Ruch, G. M., and Rice, G. A. Specimen objective examinations. Chicago: Scott, Foresman and Co., 1931, 129–141.

GEOGRAPHY

3066. **Adams Graded Geography**, by W. C. T. Adams. Ref: Adams, W. C. T. Practical methods for teaching elementary geography. New York: Hinds, Hayden and Eldredge, 1922, 106–114.

3067. **Philadelphia Survey Test in Geography,** by P. A. Boyer. Range: grade 5. Philadelphia, Pa.: Division of Educational Research, Philadelphia Public Schools, 1926.

3068. **Analytical Scales of Attainment in Geography,** by M. E. Branom and M. J. Van Wagenen. Range: grades 6–7. Minneapolis, Minn.: Educational Test Bureau, 1932.

3069. **Unit Scales of Attainment in Geography,** by M. E. Branom and M. J. Van Wagenen. Range: Division 2, grades 5–6; Division 3, grades 7–8. Minneapolis, Minn.: Educational Test Bureau, 1932.

3070. **Branom Diagnostic Tests in Geography,** by M. E. Branom. Range: grades 5–8. Bloomington, Ill.: McKnight and McKnight, 1926.

3071. **Buckingham-Stevenson Information-Problems Tests in Geography,** by B. R. Buckingham, P. R. Stevenson, D. C. Ridgley, and J. M. Shipman. Range: grades 5–8. Bloomington, Ill.: Public School Publishing Co., 1923.

3072. **Buckingham-Stevenson Place Geography Tests,** by B. R. Buckingham and P. R. Stevenson. Range: grades 5–8. Bloomington, Ill.: Public School Publishing Co., 1926.

3073. **Courtis Supervisory Geography Tests,** by S. A. Courtis. Range: Test A, grades 5–6; Test B, grades 4–7. Iowa City: Bureau of Educational Research and Service, State University of Iowa.

3074. **Essential Location Exercises in Geography,** by P. Cutright and L. J. Brueckner. Range: grades 5–8. Minneapolis, Minn.: Educational Test Bureau, 1927.

3075. **Forney Test in Map-Reading Abilities,** by E. B. Forney. Range: grades 6–8. Boston: Ginn and Co., 1926.

3076. **Geography Tests,** by Geography Committee Commission for the Investigation of Social Studies in Schools. New York: Charles Scribner's Sons. Ref: Kelley, T. L., and Krey, A. C. Tests and measurements in the social studies. New York: Charles Scribner's Sons, 1934.

3077. **Gregory-Hagerty Geography Test,** by C. A. Gregory and M. E. Hagerty. Range: grades 4–6. Cincinnati, Ohio.: C. A. Gregory Co., 1926.

3078. **Gregory-Spencer Geography Test,** by C. A. Gregory and P. L. Spencer. Range: grades 6–8 and normal school students. Cincinnati, Ohio.: C. A. Gregory Co., 1923.

3079. **Guhin's Know America Map,** by M. M. Guhin. Range: grades 5–8. Aberdeen, S. D.: Hub City School Supply Co., 1925.

3080. **Hahn-Lackey Geography Scale,** by H. H. Hahn and E. E. Lackey. Range: grades 4–8. Bloomington, Ill.: Public School Publishing Co., 1918, 1922. (Now available only from H. H. Hahn, Nebraska State Teachers College, Wayne, Nebraska.)

3081. **Hill Tests in Physical Geography,** by G. I. Hill. St. Louis, Mo.: Webster Publishing Co., 1930.

3082. **Physical Geography Tests,** by H. W. Hooper. Oklahoma City, Okla.: Harlow Publishing Co., 1930, 1931.

3083. **Complete Testing Program for Indiana Schools in Geography: Diagnostic-Remedial Tests,** edited by J. G. Meyer and F. E. Day, with the assistance of Indiana teachers. Range: grades 4, 5, 6. North Manchester, Ind.: Bureau of Tests and Measurements, Manchester College, 1936.

3084. **Geography: Every Pupil Scholarship Test,** by F. Frease. Range: grades 4–7. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College. New forms each semester.

3085. **Test in Commercial Geography,** by H. O. Lathrop. Ref: Lathrop, H. O. Testing in commercial geography. Journal of Geography, 1927, 26, 356–363.

3086. **McGill Map Test of Canada,** by G. W. McGill. Range: grades 6–8. Toronto, Canada: University of Toronto Press, 1922.

3087. **Fact and Judgment Tests in Geography**, by W. T. Miller. Springfield, Mass.: Milton Bradley Co., 1928.

3088. **Industrial and Commercial Geography: Comprehensive Objective Tests in High School Subjects**, by J. W. Morris, edited by G. C. Wells. Range: grades 7–8. Oklahoma City, Okla.: Harlow Publishing Co., 1934. Ref: Segel, D. Tests in the social studies. Washington, D. C.: Circular No. 71, U. S. Department of the Interior, Office of Education, 1933.

3089. **Geography Test: National Achievement Tests**, by R. K. Speer, L. D. Crow, and S. Smith. Range: upper elementary grades. Rockville Center, L. I.: Acorn Publishing Co., 1936. Experimental Edition.

3090. **New Stanford Geography Test**, by T. L. Kelley, G. M. Ruch, and L. M. Terman. Range: grades 4–8. Yonkers, N. Y.: World Book Co.

3091. **New York Standard Geography Tests**, by E. A. Nifenecker. Range: grades 4–8. New York: Board of Education, Bureau of Reference, Research and Statistics, 1922, 1930.

3092. **Physiography Test.** Range: high school. Toronto, Canada: Department of Educational Research, University of Toronto, 1934.

3093. **Plymouth Educational Tests, No. 60A—Geographical Definitions; No. 63A—World Map; No. 64A—United States Map**, by J. E. McDade. Range: grades 5–8. Chicago: Plymouth Press, 1918.

3094. **Posey-Van Wagenen Geography Scales**, by C. J. Posey and M. J. Van Wagenen. Range: Division I, grades 5 and 6; Division II, grades 7 and 8. Bloomington, Ill.: Public School Publishing Co., 1922.

3095. **Public School Achievement Test in Geography**, by J. S. Orleans and T. L. Torgerson. Range: grades 6–8. Bloomington, Ill.: Public School Publishing Co.

3096. **Ridgley-Russell-Harr Unit Tests in Geography**, by D. C. Ridgley, H. H. Russell, and L. Harr. Bloomington, Ill.: McKnight and McKnight, 1928.

3097. **Emporia Geography Test**, by H. E. Schrammel, E. J. Calkins, H. Bechtoldt, F. Frease, and L. Wharton. Range: grades 4–7. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College.

3098. **South Carolina Geography Location Test**, by E. H. Folk, J. H. Black, B. Bird and E. L. Shull. Range: grades 6–8. Columbia, S. C.: University Extension Division, University of South Carolina, 1924.

3099. **Industrial Geography: Multiple-Purpose Objective Tests in High School Subjects**, by R. R. Spafford, and edited by C. W. Odell. Oklahoma City, Okla.: Webb-Duncan Publishing Co., 1932.

3100. **Physical Geography: Multiple-Purpose Objective Tests in High School Subjects**, by R. R. Spafford, and edited by C. W. Odell. Oklahoma City, Okla.: Webb-Duncan Publishing Co., 1932.

3101. **Check Tests to Accompany Carpenter's "Around the World with the Children,"** by G. D. Strayer, P. R. Mort and J. E. Dransfield. New York: American Book Co., 1929.

3102. **Final Tests in Geography: Comprehensive Objective Tests for Pupils in Texas**, by A. Marshall, J. J. Wilson, A. L. Long, and R. L. Bunting. Range: tests for grades 5, 6, 7. Oklahoma City, Okla.: Harlow Publishing Co., 1931–1933.

3103. **Tyrrell's Geography Completion Tests**, by J. Tyrrell. Range: grades 6–8. Boston: The Palmer Co.

3104. **Whittier Geography Scale A**, by J. H. Williams. Range: grades 4–8. Whittier, Calif.: Whittier State School, Bureau of Juvenile Research, 1920, 1923.

3105. **Wiedefeld-Walther Geography Test**, by M. T. Wiedefeld and E. C. Walther. Range: grades 4–8. Yonkers, N. Y.: World Book Co., 1931.

3106. **Witham Commercial Geography Test**, by E. C. Witham. Newark, N. J.: J. L. Hammett Co.

3107. **Witham Standard Geography Tests**, by E. C. Witham. Range: grades 5–12. Newark, N. J.: J. L. Hammett Co., 1916–1921.

3108. **Witham Geography Tests**, New Series, by E. C. Witham. Range: Test of Europe, grades 6–9; Test of the United States, grades 5–8; Test of the World, elementary and high school. Los Angeles, Calif.: Southern California School Book Depository, 1928.

The following items have incomplete references or are out of print:

3109. **Boston Geography Test: United States and Europe**, by L. O. Packard. 1915. Ref: Smith, H. L., and Wright, W. W. Second revision of the bibliography of educational measurements. Bulletin of the School of Education, Indiana University, 1927, 4, No. 2.

3110. **Boston Research Tests in Geography**, by H. M. Barthelmess. Range: grades 4–8. Boston: Department of Education, Investigation and Measurement, Public Schools, 1919. (Out of print.)

3111. **Boston Research Test in Geography**, by A. W. Kallom. Range: grade 8. Boston: Boston Public Schools, 1922. (Out of print.)

3112. **Cram Geography Test**, by F. D. Cram. Listed by Smith, H. L., and Wright, W. W. Second revision of the bibliography of educational measurements. Bulletin of the School of Education, Indiana University, 1927, 4, No. 2.

3113. **Detroit Standard Tests in Geography**, by Detroit Public Schools. Range: grades 4–9. Detroit: Detroit Public Schools, 1918, 1922. (Not available.)

3114. **Indiana University Geography Test**, by W. W. Wright. Range: grades 6–8. 1926. Ref: Smith, H. L., and Wright, W. W. Second revision of the bibliography of educational measurements. Bulletin of the School of Education, Indiana University, 1927, 4, No. 2.

3115. **Iowa State Teachers' College Geography Test**, Parts I and II. Range: grades 4 and 5. Cedar Falls: Iowa State Teachers' College, 1921. (Not available.)

3116. **Hartwell Geography Test.** Chicago: Mentzer, Bush and Co. (Out of print.)

3117. **Los Angeles Geography Test**, by Los Angeles Public Schools. Range: grades A6 and A8 (second semester). Los Angeles: Division of Educational Research, Public Schools, 1918. (Out of print.)

3118. **Olmsted's Diagnostic Geography Test**, by M. C. Olmsted. Range: grades 7 and 8. Clarkston, Washington: Public Schools, 1922. (Not available.)

3119. **Reavis-Branom Completion Test for the Measurement of Minimum Geography Knowledge of Elementary School Children**, by W. C. Reavis and M. E. Branom. Range: grade 7. St. Louis, Mo.: Harris Teachers College, 1917. (Not available.)

3120. **Starch's Geography Test, Series A**, by D. Starch. Range: grades 5–8. Madison, Wisc.: University Cooperative Company, 1915. (Out of print.)

SPELLING

3121. **Unit Scales of Attainment in Spelling**, by W. A. Anderson. Range: Division 1, grades 3–4; Division 2, grades 5–6; Division 3, grades 7–8. Minneapolis, Minn.: Educational Test Bureau, 1932.

3122. **Iowa State Spelling List**, by E. J. Ashbaugh. Range: grades 3–8. Iowa City: Extension Division, University of Iowa, 1920.

3123. **Iowa Spelling Scales**, by E. J. Ashbaugh. Range: grades 2–8. Bloomington, Ill.: Public School Publishing Co., 1919.

3124. **Spelling Tests**, by Australian Council for Educational Research. Range: ages 8–14. Melbourne, Australia: Melbourne University Press, 1936.

3125. **Ayres Spelling Scale**, by L. P. Ayres. Range: grades 3–8. New York: Russell Sage Foundation, 1915.

3126. **Bixler High School Spelling Test,** by H. H. Bixler. Range: junior and senior high school and college. Atlanta, Ga.: Smith, Hammond and Co., 1929.

3127. **Philadelphia Spelling Test,** by P. A. Boyer. Range: grades 2–8. Philadelphia, Pa.: Philadelphia Public Schools, 1926.

3128. **Silent Spelling Test. (French).** Ref: Brandicourt, V. Une dictée muette. BuSocBinet, August–September, 1926.

3129. **Standardized Mastery Tests for the Breed-French Spellers,** by F. S. Breed and W. C. French. Range: grades 2–8. Chicago: Lyons and Carnahan, 1930.

3130. **Standard Self-Administering Spelling Tests,** by F. S. Breed and I. M. Carpenter. Range: grades 2–8. Chicago: Lyons and Carnahan, 1936.

3131. **Buckingham Extension of the Ayres Spelling Scale,** by L. P. Ayres and B. R. Buckingham. Range: grades 2–9. Bloomington, Ill.: Public School Publishing Co., 1918.

3132. **Vocabulary Test (Spelling),** by C. Burt. Range: ages 5–14. Ref: Burt, C. Mental and scholastic tests. London: P. S. King and Son, p. 287, 402.

3133. **A Measuring Scale for English Spelling,** by K. C. Chen and others. Ref: Chen, K. C., and others. (A report of the construction of a measuring scale for English spelling.) Shih Ta Mo, (32nd Anniv. Mem. Issue), 1934.

3134. **Davis-Schrammel Spelling Test,** by V. Davis and H. E. Schrammel. Range: grades 1–9. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College, 1935.

3135. **Detroit Standard Spelling Tests.** Range: grades 1–4. Detroit, Mich.: Detroit Public Schools, 1925.

3136. **Spelling Test,** by R. Duthil. Ref: Duthil, R. L'education, 1927, 18, 406–409.

3137. **Garrison Supervisory Spelling Tests for the Payne-Garrison Spellers.** Chicago: Rand, McNally and Co., 1934.

3138. **Spelling Recognition Test,** by A. I. Gates. Ref: Gates, A. I. Methods in spelling. JEdPs, 1926, 17, 293.

3139. **Gates-Russell Spelling Diagnosis Tests,** by A. I. Gates and D. H. Russell. New York: Bureau of Publications, Teachers College, Columbia University, 1937. Ref: Gates, A. I., and Russell, D. H. Diagnostic and remedial spelling manual: A handbook for teachers. New York: Bureau of Publications, Teachers College, Columbia University, 1937.

3140. **Iowa Dictation Exercise and Spelling Test,** by H. A. Greene. Range: grades 3–8. Iowa City: Bureau of Educational Research and Service, State University of Iowa, 1923.

3141. **Iowa State Spelling Lists,** by H. A. Greene. Range: lists for grades 3–8. Iowa City: Bureau of Educational Research and Service, State University of Iowa.

3142. **Preliminary Spelling Test,** by W. S. Guiler. Range: grades 7–13. Hamilton, Ohio: Hill-Brown Printing Co.

3143. **Guy Spelling Scales,** by J. F. Guy. Range: grades 2–9. Bloomington, Ill.: Public School Publishing Co., 1929.

3144. **Spelling Scales,** by C. Hassler-Göransson. Range: grades 3–7 (for Swedish children). Ref: Hassler-Göransson, C. Experimentella och statistika studier över ordförråd och rättstavbingsfärdighet. Tidskrift för psykologisk och pedagogisk forska, 1930, Suppl. No. 1–93.

3145. **Spelling Demons for the Junior High School,** by E. Horn. Ref.: Fifth Yearbook of the Department of Superintendence, National Education Association, 1927, p. 116.

3146. **Spelling Test,** by the Iowa State Teachers College, Extension Division. Adaptation of the Virginia list. Ref: Inglis, A. The Virginia survey. Yonkers, N. Y.: World Book Co., 1920–1921.

3147. **Jones One Hundred Spelling Demons**, by W. F. Jones. Range: Part 1, grades 2–4; Part 2, grades 5–8; Jones Junior High School Spelling Book, grades 7–9. Chicago: Hall and McCreary Co., 1913. Ref: Jones, W. F. Concrete investigation of the material of English spelling. Vermillion, S. D.: University of South Dakota, 1913.

3148. **Kansas State Teachers College Every Pupil Scholarship Spelling Test**, Range: grades 9–12. Emporia, Kansas: Kansas State Teachers College, Bureau of Educational Measurements, 1936.

3149. **Los Angeles Test in Spelling.** Range: grades 3–8. Los Angeles, Calif.: Bureau of Educational Research, Los Angeles Public Schools, 1918.

3150. **Loyola University Spelling Scale.** Chicago: Loyola University Press, 1923.

3151. **Monroe's Timed Sentence Spelling Test**, by W. S. Monroe. Range: grades 2–8. Bloomington, Ill.: Public School Publishing Co., 1918.

3152. **Morrison-McCall Spelling Scale**, by J. C. Morrison and W. A. McCall. Range: grades 2–8. Yonkers, N. Y.: World Book Co., 1923.

3153. **Spelling Test: National Achievement Tests**, by R. K. Speer and S. Smith. Range: grades 3–4, 5–6, 7–9, 10–12. Rockville Center, L. I.: Acorn Publishing Co., 1936. Experimental edition.

3154. **New York Survey Tests in Spelling**, by E. A. Nifenecker. New York: Board of Education, Bureau of Reference and Research, Pub. No. 26, 1932.

3155. **Pittsburgh Public Schools Spelling Test.** Ref: Pittsburgh Public Schools, Department of Research and Measurement, Bulletin No. 1, 1918.

3156. **Public School Achievement Test in Spelling**, by J. S. Orleans and T. L. Torgerson. Range: grades 3–8. Bloomington, Ill.: Public School Publishing Co.

3157. **Quance Spelling List**, by F. M. Quance. Range: grades 2–8. London: Gage and Co., 1925.

3158. **Diagnostic Tests in Spelling**, by F. J. Schonell. Ref: Schonell, F. J. Diagnostic tests in spelling. Yearbook of Education. London: Evans Brothers, 1935, p. 490–493. Also, Schonell, F. J., and Sleight, G. Essentials in teaching and testing spelling. New York: Macmillan Co., 1932.

3159. **Standard High School Spelling Scale**, by E. P. Simmons and H. H. Bixler. Revised Edition. Range: junior and senior high school. Atlanta, Ga.: Turner E. Smith Co., 1925, 1935.

3160. **Simmons Standard High School Spelling Scale**, by E. P. Simmons. Range: junior and senior high school. Iowa City: Bureau of Educational Research and Service, State University of Iowa, 1925.

3161. **Final Test in Spelling: Comprehensive Objective Tests for Pupils in Texas**, by A. L. Long, J. J. Wilson, et al. Range: tests for grades 5, 6, 7. Oklahoma City, Okla.: Harlow Publishing Co., 1931–1933.

3162. **Graded Semi-Annual Spelling Tests**, by E. L. Thorndike and J. H. Wohlfarth. Ref: Thorndike, E. L., and Wohlfarth, J. H. Teachers Manual. Yonkers, N. Y.: World Book Co.

3163. **Tidyman's Standard Spelling Tests**, by W. F. Tidyman. Range: grades 2–8. Yonkers, N. Y.: World Book Co., 1923.

3164. **National Spelling Scales**, by J. J. Tipton and W. R. Shaw. Range: grade 1 through high school. Mountain Lake Park, Md.: National Publishing Society, 1925, 1928.

3165. **Van Wagenen Scales for Measuring Individual Achievement in Spelling**, by M. J. Van Wagenen. Range: grades 3–8. Minneapolis, Minn.: Department of Educational Psychology, University of Minnesota, 1926.

3166. **Phonetic Spelling Scales**, by J. E. W. Wallin and C. B. Coles. Ref: Wallin, J. E. W., and Coles, C. B. Phonetic spelling scales. JGenetPs, 1928, 35, 434–470.

3167. **Buffalo Spelling Scales**, by A. J. Williams. Range: grades 2–8. Bloomington, Ill.: Public School Publishing Co., 1934.

The following items have incomplete references or are not available:

3168. **Scale for Measuring Spelling (French)**, by M. and Mme. Anfroy. Mentioned by Claparède, E. Comment diagnostiquer les aptitudes chez les écoliers. Paris: Flammarion, 1929, p. 291.

3169. **Boston Minimum Spelling Lists**, by F. W. Ballou. Range: elementary schools. Boston: Board of Education. (Out of print.)

3170. **Sixteen Spelling Scales**, by T. H. Briggs and T. L. Kelley, assisted by E. Hudelson, F. L. Stetson, and E. Woodyard. Range: grades 7–12 and college. New York: Bureau of Publications, Teachers College, Columbia University, 1920. (Out of print.)

3171. **Buckingham-Coxe Spelling Scale**, by B. R. Buckingham and W. W. Coxe. Range: grades 7–12. Columbus: Bureau of Cooperative Research, School of Education, Ohio State University, 1922. (Not available.)

3172. **Test of Spelling (French)**, by P. Bovet. Mentioned by Claparède, E. Comment diagnostiquer les aptitudes chez les écoliers. Paris: Flammarion, 1929, p. 296.

3173. **Courtis Spelling Tests**, by S. A. Courtis. Range: grades 2–8. Detroit: S. A. Courtis, 1917. (Not available.)

3174. **Courtis Standard Dictation Tests in Spelling, Form E**, by S. A. Courtis. Range: grades 5–8. Detroit: S. A. Courtis, 1918. (Not available.)

3175. **Courtis Standard Supervisory Tests (Composition Spelling Test)**, by S. A. Courtis. Range: grades 2–8. Detroit: S. A. Courtis, 1918, 1919. (Not available.)

3176. **Nebraska Spelling Scale**, by C. Fordyce. Range: Test I, grades 3–5; Test II, grades 6–9. Lincoln: C. Fordyce, University of Nebraska. (Not available.)

3177. **Test Yourself in Spelling**, by M. M. Guhin. Range: grades 7 and 8. Aberdeen, S. D.: Hub City School Supply Co., 1927. (Out of print.)

3178. **Horn-Ashbaugh Spelling Test**, by E. Horn and E. J. Ashbaugh. Range: grades 3–8. Philadelphia: J. B. Lippincott Company, 1925. (Out of print.)

3179. **Ten Spelling Tests for 2nd and 3rd Grade**, by Extension Department, State Normal School, Indiana, Pennsylvania. Range: grades 2–3. Indiana, Pa.: Extension Department, State Normal School. (Not available.)

3180. **Chicago Spelling Test, Form A**, by E. E. Keener. Range: grades 2–8. 1926. (Not available.)

3181. **Kelley's Spelling for the Third Grade**, by N. G. Kelley. Listed by Smith, H. L., and Wright, W. W. Second revision of the bibliography of educational measurements. Bulletin of the School of Education, Indiana University, 1927, 4, No. 2.

3182. **Youngstown Spelling Scale**, by H. V. Race. Range: grades 2–12. Listed by Smith, H. L., and Wright, W. W. Second revision of the bibliography of educational measurements. Bulletin of the School of Education, Indiana University, 1927, 4, No. 2.

3183. **Reavis Scale for Measuring Ability in Phonetic Spelling**, by W. C. Reavis, R. W. Edmiston and others. Listed by Smith, H. L., and Wright, W. W. Second revision of the bibliography of educational measurements. Bulletin of the School of Education, Indiana University, 1927, 4, No. 2.

3184. **The Rice Spelling Test**, by J. M. Rice. Range: grades 4–8. 1897. Ref: Smith, H. L., and Wright, W. W. Second revision of the bibliography of educational measurements. Bulletin of the School of Education, Indiana University, 1927, 4, No. 2.

3185. **Starch's Spelling Scale**, by D. Starch. Range: grades 3–12. Madison, Wisc.: University Cooperative Co., 1914. (Out of print.)

FINE ARTS

ARTISTIC APTITUDE, AESTHETIC JUDGMENT, DRAWING SCALES

3186. **A Test in Aesthetic Sensibility,** by M. H. Bulley. Ref: Bulley, M. H. An enquiry as to aesthetic judgments of children. BritJEdPs, 1934, 4, 162–182.

3187. **Drawing Test,** by C. Burt. Ref: Burt, C. Mental and scholastic tests. London: P. S. King and Son, 1921.

3188. **Test in Aesthetics,** by C. Burt. Ref: Bulley, M. H. Aesthetic judgments of children. BrJEdPs, 1934, 4, 162–182. Also, 1938, 8, 29–49.

3189. **Cattell-Reynolds Test of Artistic Aptitude,** by R. B. Cattell. Ref: Cattell, R. B. A guide to mental testing. University of London Press, 1936.

3190. **Midland Drawing Scale for Adults (Drawing a Man).** Ref: Cattell, R. B. A guide to mental testing. University of London Press, 1936, p. 55.

3191. **Thorndike Drawing Scale, Supplemented,** by H. G. Childs. Ref: Childs, H. G. Measurement of the drawing ability of 2177 children in the Indiana city school systems by a supplemented Thorndike scale. JEdPs, 1915, 6, 391–408.

3192. **Drawing Aptitude Test,** by O. J. Decroly. Ref: Decroly, O. J. Le dessin. Les tests d'aptitude graphique et leur application à l'orientation professionelle. Test de représentation mentale. Rapport à la Conférence Internationale de Psychotechnic Appliquée à l'Orientation, Barcelone, 1921.

3193. **Detroit Art Test.** Detroit, Mich.: Board of Education, Detroit Public Schools.

3194. **Prognostic Test for Students in Design,** by J. P. Guilford and R. B. Guilford. Ref: Guilford, J. P., and Guilford, R. B. A prognostic test for students in design. JApPs, 1931, 15, 335–345.

3195. **Free-Hand Drawing Aptitude Tests,** by C. L. Hull. Ref: Hull, C. L. Aptitude testing. Yonkers, N. Y.: World Book Co., 1927, p. 326.

3196. **Karwoski-Christensen Test for Art Appreciation,** by T. F. Karwoski and E. O. Christensen. Range: university and art school. Cambridge, Mass.: Harvard University Press. Ref: Christensen, E. O., and Karwoski, T. F. Tests in art appreciation. University of North Dakota Art Psychology Bulletins, 1925, 9, No. 3; 1926, 10, No. 4.

3197. **Scale for Children's Drawings of Houses,** by M. Kerr. Ref: Kerr, M. Children's drawings of houses. BrJMedPs, 1937, 16, 206–218.

3198. **Measurement of Artistic Abilities,** by M. Kinter. Ref: Kinter, M. Measurement of artistic abilities. New York: Psychological Corporation, 1933.

3199. **Scoring Device for Rating Pupils' Pictorial Compositions,** by W. H. Klar. Ref: Klar, W. H. Developing a scoring device for rating pupils' pictorial compositions. Baltimore Bulletin of Education, 1936, 14, No. 2., 42–46.

3200. **Measuring Scale for Freehand Drawing: Design and Composition,** by L. W. Kline and G. L. Carey. Range: kindergarten through grade 8. Baltimore, Md.: Johns Hopkins University Press, 1933. Ref: Kline, L. W., and Carey, G. L. A measuring scale for freehand drawing, Part II, Design and Composition. Johns Hopkins University Studies in Education, No. 5. Baltimore, Md.: Johns Hopkins Press, 1933.

3201. **Knauber Art Ability and Art Vocabulary Tests,** by A. J. Knauber. Range: grades 7–16, and adults. Cincinnati, Ohio: A. J. Knauber, School of Household Administration, University of Cincinnati, 1932–1935. Ref: Knauber, A. J. Testing for art ability. Education, 1934, 55, 219–223. Also: Knauber, A. J. The construction and standardization of the Knauber Art Tests. Education, 1935.

3202. **Lewerenz Tests in Fundamental Abilities of Visual Art,** by A. S. Lewerenz. Range: grades 3–12. Los Angeles: Southern California School Book Depository, 1927. Ref: Lewerenz, A. S. Predicting ability in art. JEdPs, 1929, 20, 702–704.

3203. **Drawing Scale,** by H. T. Manuel. Ref: Manuel, H. T. Talent in drawing. Bloomington, Ill.: Public School Publishing Co., 1919.

3204. **McAdory Art Test,** by M. McAdory. New York: Bureau of Publications, Teachers College, Columbia University, 1929. Ref: McAdory, M. The construction and validation of an art test. TCConEd, 1929, No. 383. Also: Siceloff, M., Woodyard, E., and others. Validation and standardization of the McAdory Art Test. New York: Bureau of Publications, Teachers College, Columbia University, 1933.

3205. **McAdory Art Test, Modified for Lower Grades,** by M. D. Voss. Ref: Voss, M. D. The validity and reliability of a modified form of the McAdory Art Test for use at lower grade levels. PsM, 1936, 48, No. 213, 68–94.

3206. **McCarty Drawing Scales for Persons, Houses and Compositions,** by S. A. McCarty. Range: kindergarten, grades 1–2. Baltimore, Md.: Williams and Wilkins Co., 1924. Ref: McCarty, S. A. Children's drawings: a study of interests and abilities. Baltimore, Md.: Williams and Wilkins Co., 1924.

3207. **Meier-Seashore Art Judgment Test,** by N. C. Meier and C. E. Seashore. Iowa City: Bureau of Educational Research and Service, State University of Iowa, 1929.

3208. **Test of Children's Preference for Color Combinations,** by E. Meumann. Ref: Meumann, E. Aesthetische Versuche mit Schulkindern. ExPäd, 1906–1907, 3–4, 74–88.

3209. **Minnesota House Design and House Furnishing Test,** by C. M. Brown et al. Minneapolis: University of Minnesota Press.

3210. **Monroe Drawing Scale,** by M. Monroe. Ref: Monroe, M. The drawing and color preferences of young children. Chicago: University of Chicago, Doctor's Dissertation, 1929.

3211. **A Drawing Scale,** by S. M. Mott. Ref: Mott, S. M. The development of concepts (a study of children's drawings). JGenetPs, 1936, 48, 199–214.

3212. **Tests of Art Talent,** by F. V. Nyquist. Pittsburgh, Pa.: Carnegie Institute of Technology, Ph.D. Dissertation, 1933.

3213. **Tests for Prospective Art Students,** by H. C. Patey. Experimental form. New York: New York School of Fine and Applied Arts.

3214. **Tests of Artistic Ability,** by G. Paulsson. Ref: Paulsson, G. The creative element in art. Scandinavian Scientific Review, 1923, 2, 11–173. Also mentioned in: Kinter, M. The measurement of artistic abilities. New York: Psychological Corporation, 1933, p. 30.

3215. **Drawing Test,** by L. Pech. Ref: Pech, L. An experiment with drawing in relation to the prediction of school success. JApPs, 1936, 20, 16–43.

3216. **Poffenberger's Aesthetic Judgment Test,** by A. T. Poffenberger. Chicago: C. H. Stoelting Co.

3217. **Providence Drawing Scale,** by the Department of Manual Arts, Providence Public Schools. Providence, R. I.: Providence Public Schools, 1928.

3218. **Performance Art Test,** by J. Shelley. Canterbury College, University of New Zealand.

3219. **Stanford University Artistic Aptitude Test,** by J. T. Lemos, et al. Stanford University, Calif.: Stanford University Press, 1932.

3220. **Tests of Artistic Ability,** by O. H. Sterzinger. Ref: Sterzinger, O. Zur Prüfung und Untersuchung der kunstlerischen Veranlagung. PsteZ, 1931, 6, 1–11.

3221. **Tests of Aesthetic Appreciation,** by E. L. Thorndike. Ref: Thorndike, E. Tests of aesthetic appreciation. JEdPs, 1916, 7, 509–522.

3222. **Scale for Evaluating Quality in Children's Painting.** Ref: Tiebout, C. The measurement of quality in children's painting by the scale method. PsM, 1936, 48, No. 213, 85–94.

3223. **Battery of Tests for Art Aptitude,** by W. H. Varnum. Range: junior and senior high school students and college freshmen. New York: Psychological Corporation, Experimental Form.

3224. **Whitford Art Test,** by W. G. Whitford. 1919. Ref: Whitford, W. G. An introduction to art education. New York: D. Appleton-Century Co., 1929.

3225. **A Technique for Testing Color Harmony Sensitivity in Young Children,** by E. J. Williams. Ref: Williams, E. J. A technique for testing color harmony sensitivity in young children. PsM, 1933, 45, No. 200, 46–50.

3226. **Williams Scale for Judging Kindergarten Drawing,** by F. Williams. Range: kindergarten and grade 1. Chicago: Department of Art Education, School of Education, University of Chicago, 1922.

The following items are not available:

3227. **Denver Curriculum Art Test.** Denver: Department of Educational Research. (Not available.)

3228. **Thorndike Scale for the Merit of Drawings by Pupils,** by E. L. Thorndike. Range: grades 3–8, or 8–15 years of age. New York: Bureau of Publication, Teachers College, Columbia University, 1924. Ref: Thorndike, E. L. The measurement of achievement in drawing. TCRec, 1913, 14, 1–38. (Out of print.)

MUSIC

3229. **Music Appreciation Tests,** by M. J. Adler. Ref: Adler, M. J. Music appreciation—an experimental approach to its measurement. ArPs, 1929, No. 110.

3230. **Baltimore Music Achievement Test,** by the Department of Music Education. Range: grade 6A. Baltimore, Md.: Department of Music Education, 1931.

3231. **Beach Music Test,** by F. A. Beach. Range: grades 4–12, and college. Emporia, Kansas: Kansas State Teachers College, 1920, 1932. Ref: Woody, C. Standardized tests designed for use in institutions of higher learning. Washington, D. C.: American Council on Education, 1930, p. 35.

3232. **Philippine Educational Achievement Tests.** Series D, Music, by L. B. Bewley. Range: grades 5–12. Manila, P. I.: Bureau of Printing, 1927.

3233. **Graded Melodies for Individual Sight Singing,** by G. O. Bowen. New York: Laidlaw Brothers.

3234. **Tests of Musical Comprehension,** by F. Brehmer. Ref: Brehmer, F. Melodieauffassung und melodische Begabung des Kindes. BhZAngPs, 1925, No. 36.

3235. **Music Tests,** by F. M. Brennan. Ref: Brennan, F. M. Relation between musical capacity and performance. PsM, 1926, 36, No. 167, 190–248. Also: Brennan, F. M. A report of three singing tests given on the tonoscope. PsM, 1926, 36, No. 167, 249–262.

3236. **A Musical History Intelligence Test,** by E. Brigham. Ref: Brigham, E. A musical history intelligence test. Étude, 1923, 41.

3237. **Musical Capacity Tests,** by C. Burt. Ref: Burt, C. The backward child. New York: D. Appleton-Century Co., 1937, p. 238.

3238. **Tests for Musical Aptitude,** by M. Chevais. Ref: Chevais, M. Tests d'aptitude musical. BuSocBinet, 1934, 34, 115–139.

3239. **Cleveland Music Test,** by Committee of Music Teachers and Supervisors with the assistance of the Bureau of Educational Research. Range: grades 4–6. Cleveland, Ohio: Bureau of Educational Research, Cleveland Public Schools, 1929.

3240. **Drake Tests of Musical Talent,** by R. M. Drake. (Musical memory, retentivity, interval discrimination, intuition.) Range: age 8 to adults with or with-

out musical training. Bloomington, Ill.: Public School Publishing Co., 1934. Ref: (1) Drake, R. M. Four new tests of musical talent. JApPs, 1933, 17, 136–147. (2) Drake, R. M. The validity and reliability of tests of musical talent. JApPs, 1933, 17, 447–458. (3) Beach, F. A. Report of Committee on Tests and Measurement in Music, 1932. Proceedings of the Music Teachers National Association, 1933, 231–238, 251–256.

3241. **Fullerton Standarized Tests in Music for Rural Schools**, by C. A. Fullerton. Range: grades 4–8. Cedar Falls, Iowa: Fullerton and Gray, 1921, 1923.

3242. **Revision of Malmberg's Test of Consonance and Dissonance**, by E. A. Gaw. Ref: Gaw, E. A. A revision of the consonance test. PsM, 1918, 25, 134–147.

3243. **Sight Singing Test, I; Modified Time Discrimination Test; Modified Form of the Tonal Memory Test**, by E. A. Gaw. Ref: Gaw, E. A. Five studies of the Music Tests. PsM, 1928, 39, 145–156.

3244. **Gerrish Test in Primary Sight Singing**, by O. M. Gerrish. Range: third grade. Ref: Gerrish, O. M. Measuring the musical accomplishment of young children. Yearbook of the Music Supervisors National Conference, 1933, 297–305.

3245. **Delaware Music Achievement Tests**, by G. Gildersleeve. Range: grades 4 to 6. Dover, Delaware: Division for Music Education.

3246. **Gildersleeve Musical Achievement Test**, by G. Gildersleeve and W. Soper. Range: grades 4–8. New York: Bureau of Publications, Teachers College, Columbia University, 1933. Ref: Gildersleeve, G. Study of educational testing as applied to music. New York: Teachers College, Columbia University. Unpublished Masters Thesis, 1922.

3247. **Gordon Tests on the Memorizing of Musical Themes**, by K. Gordon. Range: age 11 to college seniors. Ref: Gordon, K. Some tests on the memorizing of musical themes. JExPs, 1917, 2, 93–99.

3248. **Tests of the Musical Capacities of Young Children**, by M. B. Grandprey and T. F. Vance. Ref: Grandprey, M. B. The determination of the musical capacities of young children. Music Supervisors' Journal, 1931, 18, 36. Also: Vance, T. F., and Grandprey, M. B. Objective methods of ranking nursery children in certain aspects of musical capacity. JEdPs, 1931, 22, 577–585.

3249. **Test for Pitch Discrimination**, by M. S. Hattwick. Ref: Hattwick, M. S., and Williams, H. M. The measurement of musical development. UnivIowaS-ChWelf, 1935, 11, No. 2.

3250. **Oregon Musical Discrimination Tests**, by K. Hevner, assisted by R. H. Seashore and J. L. Landsbury. Chicago: C. H. Stoelting Co., 1935. Ref: Hevner, K. Tests for esthetic appreciation in the field of music. JApPs, 1930, 14, 470–477. Also: Hevner, K. Appreciation of music and tests for the appreciation of music. Eugene, Oregon: University of Oregon Publication No. 6, 1934, Part 4, 83–151.

3251. **Sight Reading Ability**, by A. D. Hill. Ref: Hill, A. D. Measurement of the sight reading ability of special public school music students in Indiana teacher education institutions. Terre Haute, Ind.: M. A. Thesis, Indiana State Teachers College, 1934, No. 193.

3252. **Hillbrand Sight-Singing Test**, by E. K. Hillbrand. Range: grades 4–6. Yonkers, N. Y.: World Book Co., 1924.

3253. **Tests of Musical Ability**, by R. W. Husband. Ref: Husband, R. W. Laboratory manual in experimental psychology. Ann Arbor, Mich.: Edwards Bros., 1932.

3254. **Hutchinson Music Test**, by H. E. Hutchinson and L. C. Pressey. Range: grades 7–12. Bloomington, Ill.: Public School Publishing Co., 1924.

3255. **Kelsey Standardized Tests of Musical Accomplishment**, by J. R. Kelsey. Range: grades 3–6. Cincinnati, Ohio: C. A. Gregory Co.

3256. **Musical Aptitude Tests**, by H. Koch and H. Mjoen. Ref: Koch, H., and Mjoen, H. Zur vergleichenden Psychologie der Allgemeinbegabung und der Musikalität. ZPs, 1933, 128, 241–256.

3257. **Achievement Tests in Music**, by W. E. Knuth. Range: Division 1, grades 3–4; Division 2, grades 5–6; Division 3, grades 7–12. Minneapolis, Minn.: Educational Test Bureau, 1934.

3258. **Krone Tonal Dictation Test, Recognition Test, Rhythmic Dictation Test**, by M. T. Krone. Range: grades 5–12. Cleveland, Ohio: Bureau of Educational Research, Cleveland Public Schools, 1930.

3259. **Kwalwasser Tests of Melodic and Harmonic Sensitivity**, by J. Kwalwasser. Ref: Kwalwasser, J. Tests and measurements in music. Boston: C. C. Birchard and Co., 1927.

3260. **Kwalwasser Test of Musical Information and Appreciation**, by J. Kwalwasser. Range: high school and college. Iowa City: Bureau of Educational Research and Service, State University of Iowa, 1927. Ref: Kwalwasser, J. Tests and measurements in music. Boston: C. C. Birchard and Co., 1927.

3261. **Kwalwasser-Dykema Music Tests**, by J. Kwalwasser and P. W. Dykema. Chicago: Carl Fischer Co. Ref: Kwalwasser, J. Tests and measurements in music. Boston: C. C. Birchard and Co., 1927.

3262. **Kwalwasser-Ruch Test of Musical Accomplishment**, by J. Kwalwasser and G. M. Ruch. Range: grades 4–12. Iowa City: Bureau of Educational Research and Service, State University of Iowa, 1924. Ref: Kwalwasser, J. Tests and measurements in music. Boston: C. C. Birchard and Co., 1927.

3263. **Music Tests (Memory, Cadence and Phrase)**, by H. Lowery. Ref: Lowery, H. Cadence and phrase tests in music. BrJPs, 1926, 27, 111–118. Also: Lowery, H. Musical memory. BrJPs, 1929, 19, 397–404.

3264. **Tests of Musical Abilities**, by J. Mainwaring. Ref: Mainwaring, J. Experiments on the analysis of cognitive processes involved in musical ability and in music education. BrJEdPs, 1931, 1, 180–203.

3265. **Test of Consonance and Dissonance**, by C. F. Malmberg. Ref: Malmberg, C. F. The perception of consonance and dissonance. PsM, 1918, 25, 92–133.

3266. **McCauley Examination in Public School Music**, by C. J. McCauley. Range: grades 4–9. Knoxville, Tenn.: Joseph E. Avent, Box 1455; 1933.

3267. **Plymouth Educational Tests**, No. 100A, Key Signatures, by J. E. McDade. Range: grades 5–8. Chicago: Plymouth Press, 1918.

3268. **Test of Musical Memory**, by H. Meissner. Ref: Meissner, H. Beitrag zur Entwicklung des musikalischen Sinnes beim Kinde während des schulpflichtigen Alters. Berlin: Trowitzsch, 1914.

3269. **Mohler's Scales for Measuring the Judgment of Orchestral Music**, by M. L. Mohler. Range: grades 6 through high school. Chapel Hill, N. C.: University of North Carolina, Bureau of Educational Research, 1923. Ref: Trabue, M. R. Scales for measuring judgment of orchestral music. JEdPs, 1923, 14, 545–561.

3270. **Prognostic Tests in Music**, by G. V. D. More. Range: college. Ref: More, G. V. D. Prognostic testing in music at the college level. JEdR, 1932, 26, 199–212.

3271. **Mosher Sight Singing Music Tests**, by R. M. Mosher. Range: grades 4–9. New Haven, Conn.: State Normal School. Ref: Mosher, R. M. A study of the group method of measurement of sight singing. TCConEd, 1925, No. 194.

3272. **O-M Sight Singing Test**, by A. W. Otterstein and R. M. Mosher. Range: grades 12–13. Stanford University, Calif.: Stanford University Press, 1932.

3273. **Ortmann Tests in Tonal Discrimination and Memory**, by O. R. Ortmann. Ref: Petran, L. A. An analysis of the Ortmann tests in tonal discrimination and memory. Bulletin American Musical Society, 1937, No. 2, 27.

3274. **Petry-Rasey Recognition of Characteristic Rhythms,** by H. Petry and M. Rasey. Range: grades 4–12. Detroit, Michigan: S. A. Courtis, 1922.

3275. **Providence Inventory Test in Music,** by R. D. Allen, W. H. Butterfield, and M. Tully. Range: grades 4–9. Yonkers, N. Y.: World Book Co., 1932.

3276. **Tests of Musical Ability,** by G. Révész. Ref: Révész, G. Prüfung der Musikalität. ZPs, 1920, 85, 163–209.

3277. **Roe's Tests of Perception of Visual Musical Stimuli,** by A. Roe. Range: advanced students in music. Ref: Roe, A. A study of the accuracy of perception of visual musical stimuli. ArPs, 1933, No. 158.

3278. **Tests of Musical Ability,** by H. Rupp. Ref: Rupp, H. Über die Prüfung musikalischer Fahigkeiten. ZAngPs, 1914–1915, 9, 1–76.

3279. **Sight Singing Tests,** by J. A. Salisbury. Ref: Salisbury, J. A. Prognosis of sight singing ability of normal school students. JApPs, 1929, 13, 425–439.

3280. **Schoen Tests of Musical Feeling and Understanding,** by M. Schoen. Ref: Schoen, M. The validity of tests of musical talent. JComPs, 1923, 3, 101–121.

3281. **Schultz Test of Listening Power in Music,** by G. J. Schultz. Range: intermediate grades–senior high school. Ref: Schultz, G. J. Testing listening power in music. Yearbook of the Music Supervisors National Conference, 1933, 306–312.

3282. **Seashore Measures of Musical Talent,** by C. E. Seashore. Materials obtainable from Columbia Phonograph Company. Also, Chicago: C. H. Stoelting Co. Ref: Seashore, C. E. The psychology of musical talent. Silver, Burdett and Co., 1919. Also: Larson, R. C. Studies on Seashore's "Measures of Musical Talent." University of Iowa Studies, 1927, Vol. II, No. 6.

3283. **Tonoscope,** by C. E. Seashore. Chicago: C. H. Stoelting Co. Ref: Seashore, C. E. Measurement of pitch intonation with the tonoscope in singing and playing. Iowa City: University of Iowa Studies: Series on Aims and Progress of Research, 1930, No. 172, 7–29. Also: University of Iowa Studies in Psychology, June, 1928, 16–17.

3284. **Iowa Singing Tests,** by C. Seashore and others. Ref: Brennan, F. M. A report of three singing tests given on the tonoscope. PsM, 1926, 36, No. 167, 249–262.

3285. **Tests of Harmony and Melody,** by M. Serejski and C. Maltzew. Ref: Serejski, M., and Maltzew, C. Prüfung der Musikalität nach der Testmethode. PsteZ, 1928, 3, 102–116.

3286. **Smith-Salisbury Written Dictation Test, Multiple Dictation Test, Individual Sight-Singing Test,** by H. B. Smith and F. S. Salisbury. Range: college and adult levels. Ref: Salisbury, F. S., and Smith, H. B. Prognosis of sightsinging ability of normal school subjects. JApPs, 1929, 13, 425–439. Also: Smith, H. B. Prognosis of sightsinging ability. Journal of Proceedings of Music Supervisors National Conference, 1929, 437–445.

3287. **Measures of Musical Talent,** by H. M. Stanton. Ref: Stanton, H. M. Measurement of musical talent: the Eastman experiment. Iowa City: Iowa University Studies in the Psychology of Music, Vol. 2.

3288. **Strouse Music Test,** by C. E. Strouse and H. E. Schrammel. Range: grade 4–college. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College.

3289. **Taylor Music Test,** by C. K. Taylor. New York: Schola Press, 1928.

3290. **Torgerson-Fahnestock Music Tests,** by T. L. Torgerson and E. Fahnestock. Range: grades 4–9. Bloomington, Ill.: Public School Publishing Co., 1926.

3291. **Tests of Musical Ability,** by M. Van Briessen. Ref: Van Briessen, M. Die Entwicklung der Musikalität in den Reifejahren. Langensalza: Beyer, 1929.

3292. **Test for Measuring Musical Taste,** by P. C. Vernon. Ref: Vernon, P. C. A method for measuring musical taste. JApPs, 1930, 14, 355–362.

3293. **Music Adaptability Test,** by H. H. Wilder and G. Stowell. Ref: Wilder, H. H., and Stowell, G. Instruction in band music to mentally deficient children. Proceedings of the American Association for Mental Deficiency, 1935, 40, 514–522.

3294. **Measurements of Musical Development,** by H. M. Williams, C. H. Sievers, and M. S. Hattwick. (Contains Sievers Test of Aptitude for Knowing and Reproducing Rhythms.) Ref: Williams, H. M., Sievers, C. H., and Hattwick, M. S. The measurements of musical development. University of Iowa Studies in Child Welfare, 1933, 7, No. 1. Also: Williams, H. M. A study in the prediction of motor rhythmic performance of school children. JGenetPs, 1933, 43, 377–388.

3295. **Test Record Sheets for Ear Tests in Harmony,** by C. P. Wood. New York: American Book Company, 1936.

3296. **FAW Music Tests,** by F. A. Wright. Range: college freshmen. Ref: Wright, F. A. The relation of music endowment and achievement tests to teacher selection. Journal of the Proceedings of the Music Supervisors National Conference, 1928, 289–301. Also: Wright, F. A. The correlation between achievement and capacity in music. JEdR, 1928, 17, 50–56.

See also addenda, Test 4261.

The following items have incomplete references or are not available:

3297. **Baldwin's Public School Music Test.** Ref: Music Supervisors' National Conference Proceedings, 1914.

3298. **Courtis Series M, Music Test,** by S. A. Courtis. Range: grade 4–12. Detroit: S. A. Courtis, 1922. (Not available.)

3299. **Detroit Practice Tests,** by S. A. Courtis and T. H. Chilvers. (Out of print.)

3300. **Moon Diagnostic Tests in Harmony.** Los Angeles: L. R. Jones. Ref: Kinder, J. S., and Odell, C. W. Educational tests for use in institutions of higher learning. University of Illinois Bulletin, 1930, 27, 42.

CHARACTER AND PERSONALITY TESTS

ETHICAL AND MORAL STANDARDS AND JUDGMENTS—CHARACTER AND CONDUCT

3301. **Character Test and Version Quotient,** by Y. Awaji and Y. Okabe. Ref: Awaji, Y., and Okabe, Y. Character test and version quotient. JapJPs, 1933, 8, 417–439.

3302. **Detroit Scale of Behavior Factors,** by H. J. Baker and V. Traphagen. Range: grades 1–12. New York: Macmillan Co., 1936. Ref: Baker, H. J., and Traphagen, V. The diagnosis and treatment of behavior problem children. New York: Macmillan Co., 1935. Also: Baker, H. J. Evaluating facts about the maladjusted child. Yearbook of Elementary School Principals, 1936, 15, 494–499.

3303. **Telling What I Do Test,** by H. J. Baker. Range: primary and advanced forms, grades 4–6 and 7–9. Bloomington, Ill.: Public School Publishing Co., 1930. Ref: Baker, H. J. The analysis of behavior problems. Columbus, Ohio: Ohio State Educational Conference—Proceedings of the Eleventh Annual Session, Ohio State University Bulletin, 1931, No. 3, Vol. 36, 125–132.

3304. **Baldwin's Chart of Habits and Attitudes of Christian Character,** by J. L. Baldwin. Ref: Baldwin, J. L. Emphasizing habits and attitudes of Christian citizenship. The Church School, 1920, 1, 26–36.

3305. **Test of Honesty (Disguised),** by J. E. Bathurst. Chicago: Bureau of Public Personnel Administration, 1929. Ref: Bathurst, J. E., et al. Written tests of honesty (integrity). PubPerS, 1929, 7, 98–106.

3306. **Moral Judgment Tests,** by P. Bovet and A. Galli. Ref: Diez-Gasca, M. Contributo allo studio di alcuni "reattivi morali." Rivista di Psicologia, 1933, 29, 104–119. Also: Galli, A. Contributo allo studio del quidizio morale nei fanciulli normali ed anormali. Extract from Rivista Pedagogica, 24, 13–14.

3307. **Moral Valuations Test,** by A. P. Brogan. Ref: Brogan, A. P. Moral valuations about men and women. International Journal of Ethics, 1925, 35, 105–124.

3308. **Comparison Test (Moral Concept Test),** by R. A. Brotemarkle. Range: grades 11 to college. Chicago: C. H. Stoelting Co., 1922. Ref: Brotemarkle, R. A. A comparison test for investigating the ideational contents of moral concepts. JApPs, 1922, 6, 235–242.

3309. **Character-Conduct Self-Rating Scale,** by E. J. Brown. Range: grades 7–12. Emporia, Kansas: Bureau of Educational Measurements, Kansas State Teachers College, 1931. Ref: Brown, E. J. A character-conduct rating scale for students. Education, 1930, 50, 369–379.

3310. **Cady Tests of Incorrigibility,** by V. M. Cady. Range: upper elementary and high school grades. Ref: Cady, V. M. The estimation of juvenile incorrigibility. JDelM, 1923, No. 2.

3311. **Moral Judgments Test of First Grade Children,** by A. M. Carmichael. Ref: Carmichael, A. M. Moral judgments of first-grade children and a method of securing them. ElemSchJ, 1929, 29, 681–690.

3312. **Test to Determine Delinquent Tendencies,** by W. S. Casselberry. Range: ages 16–20. Ref: Casselberry, W. S. Analysis and prediction of delinquency. JJuvRes, 1932, 16, 1–31.

3313. **Tests of Honesty,** by E. V. Chambers. Ref: Chambers, E. V. A study of dishonesty among the students of a parochial secondary school. PedSem, 1926, 33, 717–728.

3314. **CEI Tests (Character Education Inquiry).**

I. Moral Knowledge and Opinion.

The Good Citizenship Test—grades 4–8.

The Information Test—grades 4–8.
A Test for Ideas on What to Do or Not to Do.
Opinion Ballot A and B.
Truth Test.
Opinion Ballot for Parents and Teachers.
Camp Tests.

II. Conduct Tests.
A. Honesty.
Attitudes S-A Tests.
Self-Scoring Intelligence and Achievement Tests in Arithmetic, Completions, Information, Word Knowledge, Spelling.
Self-Scoring Speed Tests.
Coordination Tests.
Puzzle Test—Series H.
Athletic Contest—Series H (Manual only).
Stunt Parties—Series H (Manual only).
B. Service.
The Maller Cooperation Tests.
Kits, Envelopes and Money Vote Tests (Manual only).
C. Inhibition.
Speed Test.
Stories, Puzzles and Safe Tests.
The Ruggles Distraction Test.
Stunt Parties—Series I (Manual only).
Others.
D. Persistence.
The Maller Tests.
Stories and Puzzles Test—Series P.

III. Reputation and Background.
Burdick Apperception Test.
Guess Who Test.
Conduct Record Test.
The Check List.
Portrait Matching Device.

New York: Association Press, 1930.
Ref: (1) Hartshorne, H., May, M. A., and Maller, J. B. Studies in service and self-control. New York: Macmillan Co., 1929. (2) Hartshorne, H., May, M. A., and Shuttleworth, F. K. Studies in the organization of character. New York: Macmillan Co., 1930. (3) Maller, J. B. Cooperation and competition: an experimental study in motivation. TCConEd, 1929, No. 384. (4) May, M. A., and Hartshorne, H. Scale for measuring attitudes. JEdPs, 1926, 17, 145–162. (5) Burdick, E. M. A group test of home environment. ArPs, 1929, 16, No. 101.

3315. **Character Growth Tests.**
Young Men 18 to 25—Form A and Form B.
a. Personal Attitudes.
b. Christian World Citizenship.
c. Group Relations.
d. Immediate Life Situations.
Older Boys 15 to 18—Form C and Form D.
Younger Boys 12 to 14—Form A and Form B.
a. Personal Attitudes.
b. Christian World Citizenship.
c. Group Relations.
d. Religious Concepts.
e. Immediate Life Situations.
New York: Association Press.

3316. **Test of Ability to Weigh Foreseen Consequences,** by C. F., E. B., and L. M. Chassell. Ref: Chassell, C. F. Test of ability to weigh foreseen consequences. TCRec, 1924, 25, 25–50.

3317. **Chassell-Upton Short Scales for Measuring Habits of Good Citizenship,** by C. F. Chassell, S. M. Upton, and L. M. Chassell. Range: grades 4–8. New

York: Bureau of Publications, Teachers College, Columbia University, 1922. (Out of Print.) Ref: Chassell, C. F., Upton, S. M., and Chassell, L. M. Short scales for measuring habits of good citizenship. TCRec, 1922, 23, 52–79.

3318. **Tests of Deception Using Association Test Technique,** by H. R. Crosland. Ref: Crosland, H. R. The psychological methods of word association and reaction time as tests of deception. Eugene, Oregon: University of Oregon Publications, Psychological Series, 1929, 1, No. 1, 14.

3319. **Character Tests of Delinquent Girls,** by H. M. Cushing and G. M. Ruch. Ref: Cushing, H. M., and Ruch, G. M. An investigation of character traits in delinquent girls. JApPs, 1927, 11, 1–7.

3320. **Questionnaire for Delinquent or Difficult Children,** by O. Decroly. Ref: Decroly, O. À propos de l'ouvrage 'Les cliniques psychologiques pour l'enfance aux États Unis et l'oeuvre du Dr. Healy.' JNeuPsychiat, 1930, 30, 169–176.

3321. **Character Tests,** by O. Decroly and M. L. Wauthier. Includes tests of persistence, rapidity of decision, domination, honesty, and prudence. Ref: Decroly, O., and Wauthier, M. L. Contribution a l'étude des tests du caractère. JPs, 1929, 26, 201–250.

3322. **Classification of Offenses,** by A. Descoeudres. Ref: Claparède, E. Comment diagnostiquer les aptitudes chez les écoliers. Paris: Flammarion, 1929, p. 286.

3323. **Test of Sharing,** by A. Descoeudres. Ref: Claparède, E. Comment diagnostiquer les aptitudes chez les écoliers. Paris: Flammarion, 1929, p. 286.

3324. **Character Inventory Chart,** by B. L. Dougherty, F. L. O'Reilly, and M. E. Mannix. Range: junior and senior high school. Bloomington, Ill.: Public School Publishing Co., 1931.

3325. **Deception Tests,** by H. B. English. Ref: English, H. B. Reaction time symptoms of deception. AmJPs, 1926, 37, 428–429.

3326. **Rating Scale of Ethical Status,** by D. D. Feder. Revision of the Hyde Self-Measurement Scale. Iowa City: University of Iowa. Ref: Seashore, C. E., and Seashore, R. H. Elementary experiments in psychology. New York: Henry Holt and Co., 1935.

3327. **Fernald's Ethical Discrimination Test,** by G. G. Fernald. Chicago: C. H. Stoelting Co.

3328. **Speed of Decision, Self-Assurance and Over-Statement Tests,** by R. O. Filter. Ref: Filter, R. O. An experimental study of character traits. JApPs, 1921, 5, 297–317.

3329. **Tests of Moral Knowledge and Judgment,** by A. Fischer. Ref: Fischer, A. Moralpsychologische Untersuchungsmethoden. ZPädPs, 1928, 29, 273–294, 321–327.

3330. **Test of Erotic Inclination,** by F. W. O. Giese. Ref: Giese, F. W. O. Untersuchung der erotischen Inklination in "atti de la 3. Conferenza Internationale di Psicotecnica," Milano, 1923.

3331. **A Character Scale,** by L. W. Hacker. Normal, Ill.: McKnight and McKnight, 1928.

3332. **Haggerty-Olson-Wickman Behavior Rating Schedules,** by M. E. Haggerty, W. C. Olson and E. K. Wickman. Range: preschool to high school. Yonkers, N. Y.: World Book Co., 1930. Ref: (1) Haggerty, M. E. The incidence of undesirable behavior in public school children. JEdR, 1925, 12, 102–122. (2) Olson, W. C. Problem tendencies in children. Minneapolis, Minn.: University of Minnesota Press, 1930. (3) Wickman, E. K. Children's behavior and teachers' attitudes. New York: Commonwealth Fund, Division of Publications, 1928.

3333. **Rating of Offenses,** by T. H. Haines. Ref: Haines, T. H. Diagnostic values of some performance tests. PsR, 1915, 15, 303–304.

3334. **Ranking of Falsehoods**, by Hamburg Psychological Laboratory. Range: children nine years of age and over. Mentioned by Stern, W., and Wiegmann, O. Methodensammlung zur Intelligenzprüfung von Kindern und Jugendlichen. Leipzig: J. A. Barth, 1926, p. 279.

3335. **A Group Test for the Measurement of Cruelty-Compassion**, by J. W. Hawthorne. Ref: Hawthorne, J. W. A group test for the measurement of cruelty-compassion: a proposed means of recognizing potential criminality. JSocPs, 1932, 3, 189–209.

3336. **Character Tests**, by H. Henning. Ref: Henning, H. Experimentelle Characterprüfungen. ZPs, 1927, 104, 224–232. Also: Henning, H. Ziele und Moglichkeiten der experimentellen Charakterprüfung. Jarhbuch der Charakterologie, 6, 1929.

3337. **Mental Profile for Delinquent Children**, by G. Heuyer. Ref: Heuyer, G. L'examen medico-psychologique des enfants delinquents. Prophylactic Mentale, 1927, 3, 298–304.

3338. **Character Tests**, by G. Heuyer, A. Courthial, J. Dublineau, and Neron. (French adaptation of the Woodworth-Mathews Questionnaire.) Ref: Heuyer, G., Courthial, A., Dublineau, J., and Neron. Tests de caracteres en neuro-psychiatrie infantile. Annales Médico-Psychologique, 1934, 92, 162–214.

3339. **Self-Measurement Scale (An ethical rating scale)**, by W. D. Hyde, 1908. Ref: Seashore, C. E., and Seashore, R. H. Elementary experiments in psychology. New York: Henry Holt and Co., 1935.

3340. **Test of Moral Acts**, by L. Jacobsohn-Lask. Ref: Jacobsohn-Lask, L. Über die Fernaldische Methode zur Prüfung des sittlichen Fühlens. BhZAngPs, 1926, 24, 1–84.

3341. **Honesty Tests**, by H. W. James. Ref: James, H. W. Honesty as a character trait in young people. JEdRes, 1933, 26, 572–578.

3342. **The "Hen" Test for Testing Moral Feeling with Respect to Cruelty**, by J. Jasnorzewska, and J. Kunicka. Ref: Jasnorzewska, J., and Kunicka, J. Próba badania poczuć moralnych dzieci przestepczych "testem kur." Polskie Archivium Psychologyi, 1934–1935, 7, 97–117. Also: 1936–1937, 9, 103–109.

3343. **Kohs Ethical Discrimination Test**, by S. C. Kohs. Range: age 11 through college and adult. Chicago: C. H. Stoelting Co., 1920. Ref: Kohs, S. C. An ethical discrimination test. JDel, 1922, 7, 1–14.

3344. **Tests of Cooperation**, by B. Kunze. Ref: Kunze, B. Proben für die Zusammenarbeit von Menschen und deren Wechselvirkung. IndPste, 1931, 8, 147–159.

3345. **Character Tests**, by T. F. Lentz. Ref: Lentz, T. F. An experimental method for discovery and development of tests of character. TCConEd, 1924, No. 180.

3346. **Liao Moral Judgment Test**, by S. C. Liao. Ref: 21st YrbkNaSocSEd, 1923, p. 40.

3347. **Moral Judgments Examination**, by E. A. Lincoln and F. J. Shields. Ref: Lincoln, E. A., and Shields, F. J. An age scale for the measurement of moral judgments. JEdR, 1931, 23, 193–197.

3348. **Citizenship Training Test**, by H. C. E. Liu. Shanghai, China: University of Shanghai.

3349. **Moral Information Test**, by M. C. McGrath and others. Ref: McGrath, M. C., and others. Moral information test. PsM, 1923, 32, No. 144.

3350. **The CASE Inventory (for the Measurement of Some Fundamental Aspects of Character and Personality)**, by J. B. Maller. Range: grades 5–12. New York: Bureau of Publications, Teachers College, Columbia University, 1936.

3351. **Character and Personality Rating Scale,** by J. B. Maller. (Separate forms for boys and girls.) Range: all grades. New York: Bureau of Publications, Teachers College, Columbia University, 1934.

3352. **Character Sketches,** by J. B. Maller. Range: grade 5 to college. New York: Bureau of Publications, Teachers College, Columbia University, 1934, 1936.

3353. **Ethical Judgment Test (Conflict Test),** by J. B. Maller. Range: grades 5–12. New York: J. B. Maller, Teachers College, Columbia University, 1933.

3354. **The Self-Marking Test, an Objective Test of Honesty,** by J. B. Maller. Range: grades 5–10. New York: Bureau of Publications, Teachers College, Columbia University, 1929.

3355. **The Test of Sports and Hobbies: A Group Test of Trustworthiness for Young People and Adults,** by J. B. Maller. Range: high school or college. New York: Association Press, 1931. Ref: Symonds, P. M. Psychological diagnosis in social adjustment. New York: American Book Co., 1934, p. 315.

3356. **Tests of Cooperation and Competition,** by J. B. Maller. Ref: Maller, J. B. Cooperation and competition: an experimental study in motivation. TCConEd, 1929, No. 384.

3357. **Marston's Deception Tests,** by W. M. Marston. Ref: (1) Marston, W. M. Psychological possibilities in the deception tests. JCrimLawCriminology, 1921, 11, 551–570. (2) Marston, W. M. Systolic blood pressure symptoms of deception. JExPs, 1917, 2, 117–163. (3) Marston, W. M. The lie detector test. New York: Richard R. Smith, 1938.

3358. **"Giving the Blood" Test (A test of generosity),** by E. Mira. Ref: Mira, E. New directions in testing affectivity. Proceedings and papers of the 9th International Congress of Psychology, 1929. Princeton, N. J.: Psychological Review Publishing Co., 1929, p. 313–314.

3359. **Moral Situations Comparison Test,** by M. Moers. Ref: Moers, M. Zur Prüfung des sittlichen Verständnisses Jugendlicher. ZAngPs, 1929, 34, 431–460; 1930, 37, 56–73.

3360. **Moral Information Tests,** by Sister Mary, I. H. M., M. A. Gannon, and H. M. Moloney. Range: age 11 through 18. Ref: Sister Mary, I.H.M., Gannon, M. A., and Moloney, H. M. An extension of the moral information tests. CathUAmEdResBul, 1928, 3, No. 5.

3361. **Revision of the Whittier Scale for Grading Juvenile Offenses,** by G. R. Mursell. Ref: A revision of the Whittier Scale for Grading Juvenile Offenses. JJuvRes, 1932, 16, 246–250.

3362. **Behavior Frequency Rating Scale for the Measurement of Character and Personality in High School Physical Education Classes for Boys,** by F. W. O'Neil. Ref: O'Neil, F. W. Behavior frequency rating scale for the measurement of character and personality in high school physical education classes for boys. Research Quarterly of the American Physical Education Association, 1936, 7, 67–76.

3363. **Rating Scheme for Conduct,** by J. S. Plant. Ref: Plant, J. S. Rating scheme for conduct. AmJPsychiat, 1922, 1, 547–572.

3364. **Evaluation of Offenses,** by F. Quadfasel. Ref: Quadfasel, F. Die Methode Fernald-Jakobsohn, eine Methode zur Prüfung der moralischen Kritikfähigkeit—und nicht des sittliche Fühlens. ArPt, 1925, 74, 1–38.

3365. **Tests of Behavior of the Potentially Delinquent Boy,** by A. S. Raubenheimer. Range: boys ages 10–14. Ref: Raubenheimer, A. S. An experimental study of some behavior traits of the potentially delinquent boy. PsM, 1925, 34, 106.

3366. **School Adjustment Questionnaire.** Range: grades 3–12. Portland, Ore.: The Author, 5925 N. E. Garfield Ave., 1936.

3367. **Social Ethical Vocabulary Test (Slang Test),** by G. C. Schwesinger. Ref: Schwesinger, G. C. The social-ethical significance of vocabulary. TCConEd, 1926, No. 211. Also: Schwesinger, G. C. Slang as an indication of character. JApPs, 1926, 10, 245–263.

3368. **Sharp's Moral Reaction Test,** by F. C. Sharp. Chicago: C. H. Stoelting Co. Ref: Sharp. F. C. A study of the influence of custom on the moral judgment. Bulletin of the University of Wisconsin, 1908, No. 236.

3369. **Character Tests,** by F. K. Shuttleworth. Ref: Shuttleworth, F. K. A new method of measuring character. SchSoc, 1924, 19, 679–682.

3370. **Starbuck-Mendenhall Character Rating Scales,** by E. D. Starbuck and G. N. Mendenhall. Range: grades 3–8. Iowa City: E. D. Starbuck, University of Iowa. Ref: Mendenhall, G. N. An experiment in character rating. Iowa City: Ph.D. Dissertation, University of Iowa, 1922.

3371. **Diagnostic Character Test,** by R. C. Travis. Ref: Travis, R. C. The measurement of fundamental character traits by a new diagnostic test. JAbSoPs, 1925, 19, 400–420.

3372. **Honesty Test,** by H. S. Tuttle. Range: no limit above lower grades. Chicago: C. H. Stoelting and Co., 1930. Ref: Tuttle, H. S. Honesty trends in children. Journal of Educational Sociology, 1931, 5, 232–239.

3373. **Moral Judgment Test,** by R. S. Uhrbrock. Ref: Uhrbrock, R. S. Personal estimates of character traits. PedSem, 1926, 33, 491–496.

3374. **Battery of Character Tests (Voelker-Cady-Raubenheimer).** Ref: Terman, L. M., Editor. Genetic studies of genius, Volume 1. Stanford University, Calif.: Stanford University Press, 1925, 485–517.

3375. **Tests of Moral Conduct,** by P. F. Voelker. Ref: Voelker, P. F. The function of ideals and attitudes in social education. TCConEd, 1921, No. 112.

3376. **Washburne O-S-P: A Survey of Objectivity-Sympathy-Poise,** by J. N. Washburne. Range: ages 3–17. New York: Association Press.

3377. **Character Tests (Impulse-Judgment),** by J. N. Washburne. Ref: Washburne, J. N. An experiment in character measurement. JJuvRes, 1929, 13, 1–18.

3378. **Character Rating Scales,** by G. B. Watson. New York: Association Press, 1928. Ref: Watson, G. B. Rating scales. Occasional Studies, No. 2, The Association Press, 1927.

3379. **Moral Judgments Test,** by C. O. Weber. Ref: Weber, C. O. Moral judgment in female delinquents. JApPs, 1926, 10, 89–91.

3380. **Tests of Criminal Women,** by J. Weidensall. Ref: Weidensall, J. Mentality of the criminal woman. Baltimore, Md.: Warwick and York, 1916.

3381. **Scale for Measuring Individual and Group Morale,** by L. Whisler and H. H. Remmers. Ref: Whisler, L., and Remmers, H. H. A scale for measuring individual and group morale. JPs, July, 1937, 4, 161–166.

3382. **Whittier Scale for Grading Juvenile Offenses,** by W. W. Clark. Ref: Clark, W. W. Whittier scale for grading juvenile offenses. Bulletin No. 11. Whittier, Calif.: California Bureau of Juvenile Research, 1922. (Out of print.) Also: Clark W. W. The measurement of social attitudes. JApSoc, 1923–1924, 8, 345–354.

3383. **A Portugese Version of the Character Tests of Heuyer, Courthial, Dublineau and Neron,** by E. Whitaker. Range: children and adolescents above 13 years of age. Ref: Whitaker, E. "Tests" de caracter de Heuyer, Courthial, Dublineau e Neron. Rev. Neurol. Psychiat., São Paulo, Brazil, 1935, 1, 238–252.

3384. **Wilson's Ethical Discrimination Test,** by M. H. Wilson. Range: adults. Chicago: C. H. Stoelting Co., 1929.

3385. **Right Conduct Test,** by H. A. Wood. Range: grades 7–12. Hillsdale, Mich.: Hillsdale School Supply Co., 39 North St., 1936.

3386. **Deception Tests,** by M. Zillig. Ref: Zillig, M. Experimentelle Untersuchung über die Kinderlüge. ZPs, 1930, 114, 1–84.

3387. **Picture Preference Character Test,** by H. Woodrow. Ref: Woodrow, H. A picture preference character test. JEdPs, 1926, 17, 519–531.

3388. **Overstatement Test**, by H. Woodrow and V. Bemmels. Ref: Woodrow, H., and Bemmels, V. Overstatement as a test of general character in preschool children. JEdPs, 1927, 18, 239–246. Also: Woodrow, H., and Bemmels, V. Overstatement in third grade children. JApPs, 1928, 12, 404–416.

The following items have incomplete references or are out of print:

3389. **Completion Test of Ethical Discrimination**, by A. F. Bronner. Ref: Bronner, A. F. A comparative study of the intelligence of delinquent girls. TCConEd, 1914, No. 68. (Out of print.)

3390. **Union School of Religion Survey Quiz.** Mimeographed only. Listed by Hartshorne, H., and May, M. A. Bibliography. PedSem, 1925, 32, 45–67.

3391. **Patterson's Test of Knowledge of Consequences**, by — Patterson. Listed by Watson, G. B. What tests can we use in church schools? Religious Education, 1928, 23, 213–219.

3392. **Tests of Unselfishness**, by W. H. Miles. Listed by Hartshorne, H., and May, M. A. Bibliography. PedSem, 1925, 32, 45–67.

TEMPERAMENT, EMOTIONAL AND PERSONAL TRAITS

3393. **Temperament Tests**, by E. A. Allen. Ref: Allen, E. A. Temperamental tests. BrJMedPs, 1927, 7, 391–446.

3394. **Test of Emotional Stability**, by R. J. Ball. Ref: Ball, R. J. An objective measure of emotional instability. JApPs, 1929, 13, 226–254.

3395. **A Test of Negativism and Compliance**, by H. Barry. A continuation of H. T. Moore's study. Ref: Barry, H. A test of negativism-compliance. JAbSoPs, 1931, 25, 373–381.

3396. **The Diagnostic Temperament Test**, by J. E. Bathurst. Range: age 16 and over. Washington, D. C.: J. E. Bathurst, 818 Mills Building. Ref: Bathurst, J. E. Another basis for vocational guidance. VocGuidMag, 1929, 7, 273–275.

3397. **Test of Ambition**, by F. Baumgarten. Ref: Baumgarten, F. Eine Ehrgeizprobe. PrakPs, 1922, 3, 333–349.

3398. **Test of Concentration**, by F. Baumgarten. Ref: Baumgarten, F. Eine Konzentrationsprobe. PrakPs, 1921, 2, 344–352.

3399. **F 1c (Confidence in Oneself)**, by R. G. Bernreuter. Ref: Bernreuter, R. G. Manual for the personality inventory. Stanford University, Calif.: Stanford University Press, 1935.

3400. **The Measurement of Self-Sufficiency**, by R. G. Bernreuter. Ref: Bernreuter, R. G. The measurement of self-sufficiency. JAbSoPs, 1933, 28, 291–300.

3401. **Scale for Measuring the Severity of the Third Degree**, by H. C. Beyle and S. D. Parratt. Ref: Beyle, H. C., and Parratt, S. D. Measuring the severity of the third degree. Journal of Criminal Law and Criminology, 1933, 24, 485–503.

3402. **Tests of Persistence**, by S. Bottstein. Ref: Bottstein, S. A study of the persistence of a group of boys. New York: Columbia University, M.A. Thesis, 1931.

3403. **Scale for Assessing Temperament**, by C. Burt. Ref: Distribution of Educational Abilities. London: County Council Reports, 1916, p. 50.

3404. **Tests of Primary Emotions**, by H. C. Buysman. Range: upper elementary school grades. Ref: Buysman, H. C. Some experimental tests in primary emotions. Child-Study (London), 1919, 12, 7–10.

3405. **Annoyance Test**, by H. Cason. Range: 10 years and above. Chicago: C. H. Stoelting Co., 1930. Ref: Cason, H. An annoyance test and some research problems. JAbSoPs, 1930, 25, 224–236.

3406. **"Projection" Tests of Disposition**, by R. B. Cattell. Ref: Cattell, R. B. A guide to mental testing. University of London Press, 1936, p. 175–189.

3407. **Tests of Temperament and Disposition**, by R. B. Cattell, et al. Ref: Cattell, R. B. A guide to mental tests. University of London Press, 1936, p. 148–163.

3408. **Emotional Maturity Test**, by O. R. Chambers and S. L. Pressey. Ref: Chambers, O. R., and Pressey, S. L. First revision of a group scale for the investigation of the emotions. JApPs, 1920, 4, 97–104. Also: Chambers, O. R. A method of measuring the emotional maturity of children. PedSemJGenetPs, 1925, 32, 638–647.

3409. **Persistence Test**, by J. C. Chapman. Ref: Chapman, J. C. Success and speed in a mental task. PedSem, 1924, 31, 276–284.

3410. **Tests for Originality**, by L. M. Chassell. Ref: Chassell, L. M. Tests for originality. JEdPs, 1916, 7, 317–328.

3411. **Modification of the Pressey Form B Test**, by M. Collins. Modified by substituting nineteen English words for a similar number of American words. Ref: Collins, M. British norms for the Pressey cross-out test. BrJPs, 1927, 18, 121–123.

3412. **Tests of Persistence**, by R. S. Crutcher. Ref: Crutcher, R. S. An experimental study of persistence. JApPs, 1934, 18, 409–417.

3413. **Detroit Public Schools Survey of Emotional Tendencies and Behavior.** Ref: Courtis, S. A. Why children succeed. Detroit, Mich.: Courtis Standard Tests, 1925, Appendix.

3414. **Downey Group Will-Temperament Test**, by J. E. Downey. Range: high school and college. Yonkers, N. Y.: World Book Co., 1920. Ref: Downey, J. E. The will-temperament and its testing. Yonkers: World Book Co., 1923. Also: Uhrbrock, R. S. An analysis of the Downey Will-Temperament Tests. TCConEd, No. 296, 1928.

3415. **Downey Individual Will-Temperament Test**, by J. E. Downey. Range: high school and college. Yonkers, N. Y.: World Book Co., 1921.

3416. **Feder Emotional Attitude Test**, by D. D. Feder and L. W. Miller. Ref: Feder, D. D., and Miller, L. W. An evaluation of certain aspects of a program of character education. JEdPs, 1933, 24, 385–391.

3417. **Speed of Decision Test**, by S. M. Gibson. Ref: Gibson, S. M. A decision study of 150 young men and women. JApPs, 1920, 4, 364–374.

3418. **Association Test of Will**, by H. K. F. Henning. Ref: Henning, H. K. F. Eine Testprüfung des Willens. PrakPs, 1923, 4, 97–104.

3419. **Personality-Maturity Test**, by H. W. Hepner. Range: high school through adult. Syracuse, N. Y.: H. W. Hepner, Syracuse University. Ref: Hepner, H. W. Finding yourself in your work: a guide to career and personality. New York: D. Appleton-Century Co., 1937.

3420. **Test of Persistence**, by T. H. Howells. Ref: Howell, T. H. An experimental study of persistence. JAbSoPs, 1933–34, 28, 14–29.

3421. **Hull "Sway" Test Apparatus (Postural Movement Recorder)**, by C. L. Hull. (Hypnotic apparatus.) Chicago: C. H. Stoelting Co. Ref: Hull, C. L. Quantitative methods of investigating waking suggestion. JAbSoPs, 1929, 24, 153–169. Also: Messerschmidt, R. Responses of boys between the ages of five and sixteen years to Hull's postural suggestion test. JGenetPs, 1933, 43, 405–421.

3422. **Humm-Wadsworth Temperament Scale**, by D. G. Humm and G. W. Wadsworth. Range: adults. Los Angeles, Calif.: D. G. Humm and G. W. Wadsworth, 651 N. Parkman Ave. Also distributed by the Psychological Corporation, New York City. Revised, 1938, Los Angeles, Calif.: D. G. Humm, 157½ Kenmore Ave. Ref: (1) Humm, D. G., and Wadsworth, G. W. A diagnostic inventory of temperament—preliminary report. PsBul, 1933, 30, 602. (2) Humm, D. G., and Wadsworth, G. W. The Humm-Wadsworth temperament scale. PerJ, 1934, 12, 314–323. (3) Humm, D. G., and Wadsworth, G. W. The Humm-Wadsworth temperament scale. AmJPsychiat, 1935, No. 1.

3423. **Scale of Wit**, by W. Jones. Ref: Cattell, R. B. A guide to mental testing. University of London Press, 1936, p. 73–74.

3424. **Keeler Polygraph.** Ref: Inbau, F. E. Detection of deception technique admitted as evidence. Journal of Criminal Law and Criminology, 1935, 26, 262–270.

3425. **Revised Will-Temperament Test (Japanese)**, by H. S. Kirihara. Ref: Rodokwagakukenkyu, 1930, 7, No. 3. Also: Kirihara, H. S. Adaptation and revision of a non-verbal temperament test. Rep. Inst. Sci. Labour, Kurasiki, 1935, No. 30.

3426. **Personality Tests for Professors**, by F. H. Kirkpatrick. Ref: Kirkpatrick, F. H. Personality tests for professors. SchSoc, 1935, 42, 406–407.

3427. **Landis Adaptation of Pressey X–O Test for Investigating Emotion**, by C. Landis. Ref: Stone, C. B., Darrow, C. W., and Landis, C. Studies in the dynamics of behavior. Chicago: University of Chicago Press, 1932, p. 293.

3428. **Fear-Anger Questionnaire**, by C. Landis, S. Ferrall and J. Page. Ref: Landis, C., Ferrall, S., and Page, J. Fear, anger and disease: their intercorrelations in normal and abnormal people. AmJPs, 1936, 48, 585–597.

3429. **Tests of Character and Personality**, by W. F. Luithlen. (Includes tests of leadership, initiative, accuracy, persistence, dominance, imagination and suggestibility.) Ref: Luithlen, W. F. Zur Psychologie der Initiative und der Führereigenschaften. ZAngPs, 1931, 39, 56–122.

3430. **Emotional Cross-Out Tests**, by H. Lundholm. Waverly, Mass.: Psychological Laboratory, McLean Hospital.

3431. **Personality Sketches (For Individual Diagnosis)**, by J. B. Maller. New York: J. B. Maller, Teachers College, Columbia University, 1936. Also, Psychological Corporation, N. Y.

3432. **Graphic Rating Scale on Four Desirable Traits**, by R. E. Michael. Range: high school. Greencastle, Ind.: R. E. Michael, Greencastle High School, 1936.

3433. **Association Test to Determine Emotional Reactions**, by E. Mira. Ref: Mira, E. Laboratori Psicometric (Investigació del Caràcter). AnInstOrnProf, 1921, 2, 3.

3434. **Aggressiveness Tests**, by H. T. Moore and A. R. Gilliland. Ref: Moore, H. T., and Gilliland, A. R. The measurement of aggressiveness. JApPs, 1921, 5, 97–118. Also: Gilliland, A. R. A revision and some results with the Moore-Gilliland Aggressiveness Test. JApPs, 1926, 10, 143–150.

3435. **Moore's Test of Strength of Instincts**, by H. T. Moore. Ref: Moore, H. T. Method of testing strength of instincts. AmJPs, 1916, 27, 227–233.

3436. **Tests of Radical and Conservative Temperament**, by H. T. Moore. Ref: Washburn, M. F., Kepler, H., McBroom, N., Pritchard, W., and Reimer, I. The Moore tests of radical and conservative temperament. AmJPs, 1927, 38, 449–452.

3437. **Tests of Temperament**, by E. Morgan, H. K. Mull and M. F. Washburn. Ref: Morgan, E., Mull, H. K., and Washburn, M. F. An attempt to test the moods or temperament of cheerfulness and depression by directed recall of emotionally toned experiences. AmJPs, 1919, 30, 302–304.

3438. **Test of Persistence**, by J. B. Morgan and H. L. Hull. Ref: Morgan, J. B., and Hull, H. L. The measurement of persistence. JApPs, 1926, 10, 180–187.

3439. **Personality Tests**, by A. Myerson. Ref: Myerson, A. Personality tests involving the principle of multiple choice. ArNeuPsychiat, 1919, 1, 459–470.

3440. **National Institute of Industrial Psychology Observation of Temperamental Characteristics.** Ref: Earle, F. M. Methods of choosing a career. London: George G. Harrap Co., 1931, p. 109.

3441. **Tests of Judgment and Resourcefulness**, by L. J. O'Rourke. Ref: O'Rourke, L. J. Measuring judgment and resourcefulness. PerJ, 1929, 7, 427–440.

3442. **Pupil Portraits**, by R. Pintner, J. B. Maller, H. C. Axelrod, and G. Forlano. Range: grades 4–8. New York: Bureau of Publications, Teachers College, Columbia University, 1934. Ref: Pintner, R., Maller, J. B., Axelrod, H. C., and Forlano, G. The measurement of pupil adjustment. JEdR, 1935, 28, 334–346.

3443. **Aspects of Personality**, by R. Pintner, J. J. Loftus, G. Forlano, and B. Alster. Range: grades 4–9. Yonkers, N. Y.: World Book Co., 1937.

3444. **Polish Translation of Downey Will-Temperament Test.** Ref: Polish Archives of Psychology, 1931, 4, 1, p. 6–31.

3445. **Tests of Persistence**, by J. P. Porter. Ref: Porter, J. P. Comparative study of some measures of persistence. PsBul, 1933, 30, 664.

3446. **Picture Test of Emotions**, by C. Pototsky. Ref: Pototsky, C. Die Prüfung auf ethisches Empfinden bei Kindern. ZAngPs, 1926, 27, 367–370.

3447. **Pressey X–O Tests for Investigating the Emotions**, by L. W. Pressey and S. L. Pressey. Range: adult and junior forms. Chicago: C. H. Stoelting Co., 1920. Ref: Pressey, S. L. A group scale for investigating the emotions. JAbSoPs, 1921, 16, 55–64. Also: Pressey, S. L., and Chambers, O. R. First revision of a group scale designed for investigation of the emotions with tentative norms. JApPs, 1920, 4, 97–104.

3448. **Test of Emotional Attitudes and Interests**, by S. L. Pressey and L. W. Pressey. Range: grades 5–12. Ref: Pressey, S. L., and Pressey, L. W. A comparative study of the emotional attitudes and interests of Indian and White children. JApPs, 1933, 27, 351–357.

3449. **Group Will-Temperament Tests**, by M. J. Ream. Pittsburgh, Pa.: Bureau of Personnel Research, Carnegie Institute of Technology. Ref: Ream, M. J. Group will-temperament tests. JEdPs, 1922, 13, 7–16.

3450. **Tests of Will-Temperament**, by C. A. Richardson. Ref: Richardson, C. A. The measurement of conative factors in children and their influence. BrJPs, 1929, 19, 405–412.

3451. **Test of Personality Adjustment in Children**, by C. R. Rogers. Range: age 9–13. New York: Association Press, 1931. Ref: Rogers, C. R. Measuring personality adjustment in children. TCConEd, 1931, No. 458.

3452. **Rorschach Psychodiagnostik Test**, by H. Rorschach. (Inkblots—a free association test.) Berne, Switzerland: Ernst Birchen, 1921; and Hans Huber, 1932, 1937. Also, New York: Psychological Corporation. Ref: (1) Rorschach, H. Psychodiagnostik. Berne, Switzerland: Ernst Birchen, 1921. Also Berne: Huber, 1932, 1937. (2) Kerr, M. The Rorschach test applied to children. BrJPs, 1934, 25, 170–185. (3) Beck, S. J. The Rorschach test and personality diagnosis. AmJPsychiat, 1930, 10, 19–52. (4) Beck, S. J. The Rorschach test in problem children. AmJOrth, 1931, 1, 501. (5) Monnier, M. Le test psychologique de Rorschach. Encephal., 1934, 29, 189–201, 247–270. (6) Hertz, M. R. The Rorschach ink-blot test: historical summary. PsBul, 1935, 32, 33–66. (7) Hertz, M. R. Frequency tables to be used in scoring the Rorschach ink blot test. Cleveland, Ohio: Brush Foundation, Western Reserve University. (8) Binder, H. Die Helldunkeldentungen im psychodiagnostischen Experiment von Rorschach. Zürich: Orell Füssli, 1932. (9) Wells, F. L. Rorschach and the association test. JGenPs, 1935, 13, 413–432. (10) Vernon, P. E. The Rorschach ink blot test. BrJMedPs, 1933, 13, 89–118; 179–200. (11) Vernon, P. E. Recent work on the Rorschach test. Journal of Mental Science, 1935, 81, 894–920. (12) Beck, S. J. Introduction to the Rorschach method. A manual of personality study. American Orthopsychiatric Association, Monograph No. 1, 1937. Menasha, Wisc.: George Banta Publishing Co. (13) New York: Rorschach Research Exchange, Bruno Klopfer, Editor, 3820 Waldo Avenue.

3453. **A Test for Types of Reaction to Frustration**, by S. Rosenzweig. Ref: Rosenzweig, S. A test for types of reaction to frustration. AmJOrth, 1935, 5, 395–403.

3454. **Judgment of Emotions from Facial Expression,** by C. A. Ruckmick. Range: all ages. Chicago: C. H. Stoelting Co. Ref: Ruckmick, C. A. A preliminary study of the emotions. PsM, 1921, 30, No. 136, 30–35.

3455. **Ruggles Distraction Test,** by A. M. Ruggles. One of the Character Education Inquiry Tests. Range: grades 4–8. New York: Association Press, 1930. Ref: Hartshorne, H., and May, M. A. Studies in service and self control. New York: Macmillan Co., 1930.

3456. **Elaboration of the Tendler Scale,** by G. T. Sakellariou. Ref: Sakellariou, G. T. Eine experimentelle Untersuchung des Gefühlslebens. PsRundschau, 1932, 4, 29–33.

3457. **Questionnaire of Efficiency,** by M. Seham and O. Schey. Ref: Seham, M., and Schey, O. The influence of environment upon health and function. ChDev, 1934, 5, 177–196.

3458. **Wisconsin Scale of Personality Traits,** by R. Stagner. Ref: Stagner, R. The Wisconsin scale of personality traits. JAbSoPs, 1937, 31, 463–471.

3459. **Temperament Test,** by W. Stephenson. Ref: Stephenson, W. Studies in experimental psychiatry. II. Some contact of p-factor with psychiatry. Journal of Mental Science, 1932, 78, 315–330. Also: Stephenson, W. Measurement of mental tension in psychiatry. BrJMedPs, 1934, 14, 105–109.

3460. **Measurement of Industry,** by S. M. Stoke and H. C. Lehman. Ref: Stoke, S. M., and Lehman, H. C. The relative importance of ability and industry as determiners of scholastic achievement. Harvard Teach. Rec., 1932, 2, 117–123.

3461. **Certainty Test,** by F. B. Sumner. Ref: Sumner, F. B. Statistical study of belief. PsR, 1898, 5, 616–631.

3462. **A Scale for Measuring Developmental Age in Girls,** by Sister Celestine Sullivan. Ref: Sullivan, Sister Celestine. A scale for measuring developmental age in girls. Washington, D. C.: Catholic University of America, Studies in Psychology and Psychiatry, 1934, 3, No. 4. Also: Sullivan, Sister Celestine. To devise a scale for measuring developmental age in girls. Washington, D. C.: Ph.D. Dissertation, Catholic University of America.

3463. **Fundamental Qualities Test,** by C. K. Taylor. Range: ages 6–20. Carmel, N. Y.: Vocational Research Bureau, 1925.

3464. **Test for Emotional Insight,** by A. D. Tendler. Ref: Tendler, A. D. A preliminary report on a test for emotional insight. JApPs, 1930, 14, 123–136.

3465. **Tests of Monotony,** by L. A. Thompson. Ref: Thompson, L. A. Measuring susceptibility to monotony. PerJ, 1929, 8, 172–195.

3466. **Attitude-Interest Analysis Test,** by L. M. Terman and C. C. Miles. (A disguised test of masculinity-femininity.) Range: adolescents and adults. New York: McGraw-Hill Book Co., 1936. Ref: Terman, L. M., and Miles, C. C. Sex and Personality: Studies in Masculinity and Femininity. New York: McGraw-Hill Book Co., 1936. Also, New York: Psychological Corporation.

3467. **Terman Ratings of Physical, Mental, Moral and Social Traits.** Ref: Terman, L. M., Editor. Genetic studies of genius, Volume I. Stanford University, Calif.: Stanford University Press, 1925.

3468. **Tests of Monotony,** by L. A. Thompson. Ref: Thompson, L. A. Measuring susceptibility to monotony. PerJ, 1929, 8, 172–195. (Same as No. 3465).

3469. **Rating Tests of Confidence,** by W. C. Trow. Ref: Trow, W. C. The psychology of confidence. ArPs, 1923, No. 67.

3470. **Tests of Emotional Trends and Balance,** by C. H. Town. Ref: Town, C. H. A clinical test to determine emotional trends and emotional balance. JAbSoPs, 1929, 23, 488–499.

3471. **Non-verbal Will-Temperament Test,** by R. S. Uhrbrock and J. E. Downey. Laramie, Wyoming: Department of Psychology, University of Wyoming. Ref: Uhrbrock, R. S., and Downey, J. E. A non-verbal will-temperament test. JApPs, 1927, 11, 95–105.

3472. **Test of Accuracy and Neatness**, by T. Valentiner. Ref: Valentiner, T. Über Sorgfaltsdiagnose. ZPädPs, 1931, 32, 263–269.

3473. **Judgment Test**, by M. J. Van Wagenen. Minneapolis: University of Minnesota.

3474. **Tests of Temperament and Personality**, by P. E. Vernon. Ref: Vernon, P. E. Tests of temperament and personality. BrJPs, 1929, 20, 97–117.

3475. **Wang's Self-Appraisal Schedule**, by C. K. A. Wang. Chicago: C. H. Stoelting Co. Ref: Wang, C. K. A. A scale for measuring persistence. JSocPs, 1932, 3, 79–89.

3476. **Self-Estimate Test of Happiness**, by G. B. Watson and R. C. Sailer. New York: Association Press, 1931. Range: high school through adult. Ref: Sailer, R. C. Happiness self-estimates of young men. TCConEd, 1931, No. 467.

3477. **Tests of the Optional Question**, by — Watts. Listed by Downey, J. E. Will temperament testing. Yonkers, N. Y.: World Book Co., 1924.

3478. **Tests of Personality and Temperament**, by E. Webb. Ref: Webb, E. Character and intelligence. BrJPsM Supplement, 1915, No. 3. Also, BrJPsM Supplement, 1924, No. 7.

3479. **Wells Emotional Age Scale**, by C. O. Weber. Boston: Houghton Mifflin Co. Ref: Weber, C. O. A conception of emotional age and its measurement. JAbSoPs, 1929, 24. Also: Weber, C. O. Further tests of the Wells Emotional Age Scale. JAbSoPs, 1932, 27, 65–78.

3480. **Emotional Maturity Scale**, by R. R. Willoughby. Range: college age. Stanford University, Calif.: Stanford University Press, 1931. Ref: Willoughby, R. R. A scale of emotional maturity. JSocPs, 1932, 3, 3–36.

3481. **Association Tests**, by W. Whately-Smith. Mentioned by Whately-Smith, W. The measurement of emotions. London: Kegan Paul, 1922, p. 32 and 111.

See also addenda, Tests 4206, 4208, 4209.

PERSONALITY SCHEDULES AND PSYCHO-NEUROTIC INVENTORIES

3482. **Allport Systematic Questionnaire for the Study of Personality**, by F. H. Allport. Chicago: C. H. Stoelting Co., 1925. Also abridged form. Ref: Allport, F. H. Social psychology. Boston: Houghton Mifflin Co., 1924.

3483. **The A–S Reaction Study (A Scale for Measuring Ascendance–Submission of Personality)**, by G. W. Allport and F. H. Allport. Boston: Houghton Mifflin Co., 1928, 1930. Ref: Allport, G. W. A test for ascendance-submission. JAbSoPs, 1928–1929, 23, 118–136.

3484. **School Adjustment Inventory**, by H. M. Bell. Range: high school and college. Stanford University, Calif.: Stanford University Press, 1934. Ref: Bell, H. M. Measurement of student adjustments. PsBul, 1934, 31, 587–588.

3485. **The Personality Inventory**, by R. G. Bernreuter. Range: high school, college and adult. Stanford University, Calif.: Stanford University Press, 1931, 1935. Ref: Bernreuter, R. G. Validity of the personality inventory. PerJ, 1933, 11, 383–386. Also: Bernreuter, R. G. The theory and construction of the personality inventory. JSocPs, 1933, 4, 387–405.

3486. **Personality Inventory**, by R. G. Bernreuter and J. C. Flanagan. Range: high school, college, and adults. Stanford University, Calif.: Stanford University Press, 1931–34. Ref: Flanagan, J. C. Factor analysis in the study of personality. Stanford University, Calif.: Stanford University Press, 1935.

3487. **Brown's Personality Inventory for Children**, by F. Brown. Range: grades 4–9. New York: Psychological Corporation, 1935. Ref: Brown, F. A comparative study of the influence of race and locale upon emotional stability of children. JGenetPs, 1936, 49, 325–342.

3488. **Personality Inventory for Children**, by F. Brown. Range: grades 4–9. New York: Psychological Corporation, 1935. Ref: Brown, F. A psychoneurotic inventory for children between nine and fourteen years of age. JApPs,

1934, 18, 566–577. Also: Brown, F. The school as a subsidiary of the psychological clinic in the prevention of neuroticism in childhood. EdMeth, 1934, 14, 1–5. (This is the same test as No. 3487.)

3489. **Questionnaire on Neurotic Symptoms**, by C. Burt. Ref: Burt, C. The subnormal mind. London: Oxford University Press, 1935.

3490. **Rating Scales and Self-Inventories of Neurotic Characters**, by R. B. Cattell. Ref: Cattell, R. B. A guide to mental testing. Univeristy of London Press, 1936, pp. 227–246.

3491. **Pessimism-Optimism Scale**, by S. N. F. Chant, and C. R. Myers. Ref: Chant, S. N. F., and Myers, C. R. An approach to the measurement of mental health. AmJOrth, 1936, 6, 134–140.

3492. **Chinese Translation of Thurstone's Personality Inventory.** Ref: Chou, S. K., and Ching-Yuan Mi. Relative neurotic tendency of Chinese-American students. JSocPs, May 1937, 8, No. 2, p. 155–184. Also, Shen, E. C., and Liu, C. C. (The norm of Bernreuter's personality inventory in China.) Educ. and Voc. (Chinese), 1935, 161, 11–13.

3493. **Extroversion-Introversion Test (Conklin's Device)**, by E. S. Conklin. Ref: Conklin, E. S. The determination of normal extrovert-introvert interest differences. PedSem, 1927, 34, 28–37.

3494. **Cowan Adolescent Personality Schedule**, by E. A. Cowan. Wichita, Kansas: Wichita Child Research Laboratory, 1937. Ref: Cowan, E. A., McClellan, M. C., Pratt, B. M., and Skaer, M. S. An adolescent personality schedule. ChDev, 1935, 6, 77–87.

3495. **Inhibition Test**, by A. L. Crane. Ref: Crane, A. L. Race differences in inhibition. ArPs, 1923, No. 63.

3496. **Davis' Personal Problems Test**, by F. K. Davis. Chicago: C. H. Stoelting Co., 1925.

3497. **Inventory of Personality Change**, by S. Diamond. Ref: Diamond, S. Study of influence of political radicalism on personality development. ArPs, No. 203, 1936.

3498. **The Vineland Social Maturity Scale**, by E. A. Doll. Range: infancy to adult life. New York: The Psychological Corporation. Also, Vineland, N. J.: Vineland Training School, 1935. Ref: Doll, E. A. A genetic scale of social maturity. AmJOrth, 1935, 5, 180–188. Also, Doll, E. A. Preliminary standardization of the Vineland Social Maturity Scale. AmJOrth, 1936, 6, 283–293.

3499. **Tests of Emotional Stability as Applied to High School Students**, by E. M. Everett. A revision of Woodworth's questionnaire. Ref: Everett, E. M. Tests of emotional stability as applied to high school students. New York: Unpublished Master's Essay, Department of Psychology, Columbia University, 1919.

3500. **Freyd's Extroversion-Introversion Scale**, by M. Freyd. Ref: Freyd, M. Introverts and extroverts. PsR, 1924, 31, 74–87.

3501. **Rating Scales for Developmental Age**, by P. H. Furfey. Chicago: C. H. Stoelting Co. Ref: (1) Furfey, P. H. The measurement of developmental age. CathUAmEdResBul, 1927, 2, No. 10. (2) Furfey, P. H. A scale for measuring developmental age. MenHy, 1930, 14, 129–136. (3) Furfey, P. H. A revised scale for measuring developmental age in boys. ChDev, 1931, 2, 102–114. (4) Furfey, P. H. The growing boy: case studies of developmental age. New York: Macmillan Co., 1930.

3502. **Revision of the Moore-Gilliland Aggressiveness Test**, by A. R. Gilliland. Ref: Gilliland, A. R. A revision and some results with the Moore-Gilliland aggressiveness test. JApPs, 1926, 10, 143–151.

3503. **Northwestern University Introversion-Extroversion Test**, by A. R. Gilliland and J. J. B. Morgan. Ref: Gilliland, A. R., and Morgan, J. J. B. An objective measure of introversion-extroversion. JAbSoPs, 1931, 26, 296–303.

3504. **Nebraska Personality Inventory (Introversion-Extroversion Test)**, by J. P. Guilford and R. B. Guilford. Lincoln, Neb.: University of Nebraska, 1934. Ref: Guilford, J. P., and Guilford, R. B. An analysis of the factors in a typical test of introversion-extroversion. JAbSoPs, 1934, 28, 377–399. Also, Guilford, J. P., and Guilford, R. B. Personality factors S, E, and M, and their measurement. JPs, 1936, 2, 109–127.

3505. **Test to Measure Dynamics of Success and Failure**, by M. F. Hausmann. Ref: Hausmann, M. F. A test to evaluate some personality traits. JGenPs, 1933, 9, 179–189.

3506. **Scale for Evaluating the School Behavior of Children Ten to Fifteen**, by M. Hayes. Range: ages 10–15. New York: Psychological Corporation, 1933. Ref: Hayes, M. A scale for evaluating adolescent personality. JGenetPs, 1934, 44, 206–222.

3507. **Minnesota Personal Traits Rating Scales: Introversion-Extroversion and Inferiority Attitudes**, by E. Heidbreder. Chicago: C. H. Stoelting Co. Ref: Heidbreder, E. Introversion and extroversion in men and women. JAbSoPs, 1927, 22, 52–61. Also: Heidbreder, R. Measuring introversion and extroversion. JAbSoPs, 1926–27, 21, 120–134.

3508. **Questionnaire for Measurement of Introversion-Extroversion**, by T. C. Hewlett and O. P. Lester. Ref: Hewlett, T. C., and Lester, O. P. Measuring introversion and extroversion. PerJ, 1928, 6, 352–360.

3509. **Personal Data Sheet for Junior High School Pupils**, by M. Jackson. Ref: Jackson, M. Personal data sheet for junior high school pupils. Denver, Colo.: Unpublished Master's Thesis, University of Colorado, 1933.

3510. **The DE Test (Depression-Elation)**, by H. H. Jasper. Ref: Jasper, H. H. The measurement of depression-elation and its relation to a measure of extroversion-introversion. JAbSoPs, 1930, 25, 307–318.

3511. **Adaptation of Woodworth's Questionnaire for Young Children**, by B. Johnson. Ref: Johnson, B. Emotional instability in children. Ungraded, 1920, 5, 73–79.

3512. **Jones' Personnel Questionnaire**, by E. S. Jones. Range: college students. Chicago: C. H. Stoelting Co., 1926, 1931. Ref: Jones, E. S. The opinions of college students. JApPs, 1926, 10, 427–436.

3513. **Measurement of Adolescent Personality**, by M. C. Jones. Ref: Jones, M. C. A program for the measurement of adolescent personality. PsBul, 1934, 31, 582.

3514. **Kefauver-Hand Guidance Tests and Inventories**, by G. N. Kefauver and H. C. Hand. Range: grades 7 to 14. Yonkers, N. Y.: World Book Co., 1937.
Inventory of Student Self-Ratings, by G. N. Kefauver and H. C. Hand.
Inventory of Student Plans, by G. N. Kefauver and H. C. Hand.
Student-Judgment Guidance Test, by G. N. Kefauver, H. C. Hand, and V. L. Block.
Vocational Guidance Test, by G. N. Kefauver, W. M. Proctor, and H. C. Hand.
Social-Civic Guidance Test, by G. N. Kefauver, H. C. Hand, and V. L. Block.
Recreational Guidance Test, by G. N. Kefauver, H. C. Hand, and V. L. Block.
Health Guidance Test, by G. N. Kefauver, H. C. Hand, and V. L. Block.
Educational Guidance Test, by G. N. Kefauver, H. C. Hand, and V. L. Block.

3515. **Who Is It?**, by T. L. Kelley and M. R. Trabue. New York: Charles Scribner's Sons, 1932.

3516. **Colgate Personal Inventory Rating Scales (B2, C2, C3, D1)**, by D. A. Laird. Range: high school, college, and adult. Hamilton, N. Y.: Hamilton Republican, 1925. Ref: Laird, D. A. Detecting abnormal behavior. JAbSoPs, 1925, 20, 128–141. Also: Laird, D. A. A mental hygiene and vocational test. JEdPs, 1925, 16, 419–422.

3517. **Personal Index**, by G. C. Loofbourow and N. Keys. Range: boys, grades 7–9. Minneapolis, Minn.: Educational Test Bureau, 1933. Ref: Loofbourow,

G. C. Test materials for problem behavior tendencies in junior high school boys. Berkeley, Calif.: University of California Publications in Education, Vol. 7, No. 1, 1932. Also: Loofbourow, G. C., and Keys, N. A group test of problem behavior tendencies in junior high school boys. JEdPs, 1933, 24, 641–653.

3518. **MacNitt Psychological Interview (Introversion-Extroversion)**, by R. D. MacNitt. Range: form A, junior and senior high school; form B, college and above. Superior, Wisc.: R. D. MacNitt, State Teachers College, 1930, 1931. Also, Boston: Richard G. Badger, 1930.

3519. **Marston Introversion-Extroversion Test (Games)**, by L. R. Marston. Range: for children. Chicago: C. H. Stoelting Co., 1932. Ref: Marston, L. R. Emotions of young children. UnivIowaSChWelf, 1925, 3, No. 3, p. 49–77.

3520. **Marston Introversion-Extroversion Tests (Ratings)**, by L. R. Marston. Range: ages 2–6 years. Chicago: C. H. Stoelting Co., 1925. Ref: Marston, L. R. Emotions of young children. UnivIowaSChWelf, 1925, 3, No. 3.

3521. **Tests of Self-Assertion**, by W. M. Marston. Listed in Young, K. The measurement of personal and social traits. JAbSoPs, 1928, 22, 431–442.

3522. **Mira's Confidential Questionnaire (Adaptation in Spanish of Bernreuter's Personality Inventory)**, by E. Mira. Ref: Mira, E. L'inventori personal de G. Bernreuter. Revista Psicologia i Pedagogia, 1935, 3, 267–278. Also: Alier i Gomez, J. J. Resultats obtinguts amb el qüestionari intim del Prof. Mira. Revista Psicologia i Pedagogia, 1935, 3, 57–74.

3523. **Murray Psychoneurotic Inventory**, by M. E. Murray. Stanford, Calif.: Master's Thesis, Stanford University. Ref: (1) Murray, M. E. Validation of items of the Psychoneurotic Inventory. JJuvRes, 1932, 16, 213–230. (2) Cavan, R. S. The Murray Psychoneurotic Inventory and the White House Conference Inventory. JJuvRes, 1934, 18, 23–27.

3524. **Neymann and Kohlstedt Introversion-Extroversion Test**, by C. A. Neymann and K. D. Kohlstedt. Range: adult. Chicago: C. H. Stoelting Co., 1929. Ref: Neymann, C. A., and Kohlstedt, K. D. A new diagnostic test for introversion-extroversion. JAbSoPs, 1929, 23, 482–487. Also: Root, A. R. and Root, E. B. A study of the Neymann-Kohlstedt diagnostic test for introversion-extraversion. JAbSoPs, 1932, 26, 415–421.

3525. **Papurt Revision of the Woodworth Psychoneurotic Inventory**, by M. J. Papurt. Chicago: C. H. Stoelting Co. Ref: (1) Papurt, M. J. A study of the Woodworth Psychoneurotic Inventory with suggested revision. JAbSoPs, 1930–31, 25, 335–351. (2) Uehling, H. F. Comments on a suggested revision of the Woodworth Psychoneurotic Inventory. JAbSoPs, 1934, 28, 462–467. (3) McCartney, J. L., and Papurt, M. J. Preliminary report on an objective personal data questionnaire. JAbSoPs, 1935, 30, 95–106.

3526. **Personality Scale (Ambinex Test)**, by A. F. Payne. New York: Personnel Bureau, College of the City of New York, 1931.

3527. **A Scale of Personal Reactions**, by A. F. Payne. Range: College. New York: A. F. Payne, Personnel Bureau of the College of the City of New York, 1928. Ref: Bressler, M. H. A study of the feeling of inferiority among college freshmen. New York: M. A. Thesis, Department of Psychology, Columbia University, 1930.

3528. **Developmental Age Tests**, by D. Plechaty. Ref: Plechaty, D. A preliminary form of an objective scale for measuring developmental age in grade-school girls. SocSciM, 1931, 1, 42–44.

3529. **New Introversion-Extroversion Test**, by A. R. Root. New York: Psychological Corporation, 1932. Ref: Root, A. R. A short test of introversion-extroversion. PerJ, 1931, 10, 250–253.

3530. **Reaman Personality Rating Chart**, by G. E. Reaman. Range: all grades. Toronto, Canada: Clarke, Irwin and Co., 1936.

3531. **Personal Inventory Sheet for High School Pupils**, by L. H. Rhodes. Ref: Rhodes, L. H. Personal inventory sheet for high school pupils. Denver, Colo.: Unpublished Master's Thesis, University of Colorado, 1931.

3532. **Personal Data Sheet**, by F. C. Richmond. Modification of the Woodworth and Cady Personal Data Sheet. Range: ages 10–16. Chicago: C. H. Stoelting Co. Ref: Pescor, M. J. The psychoneurotic delinquent. Medical Journal, 1930, 47, 12–32.

3533. **Psychotic Questionnaire**, by F. C. Richmond. Range: grade 5 and over. Chicago: C. H. Stoelting Co., 1930.

3534. **Personality Inventory (Rumanian)**, by Department of National Education. Range: for all children in schools. Ref: Ministerul Instructiunii Lamuriri Pentru Utilizarea fisei pedagogice. Bucharest: Editura Casei Scoalelor, 1934.

3535. **Revision of Marston's Extroversion-Introversion Tests**, by R. A. Schwegler. Ref: Schwegler, R. A. A study of introvert-extravert responses to certain test situations. TCConEd, 1929, No. 361.

3536. **Self-Comparison Inventory**, by R. B. Smith. Range: high school students or adults. Minneapolis: University of Minnesota. Also, New York: Psychological Corporation. Ref: Smith, R. B. The development of an inventory for the measurement of inferiority feelings at the high school level. ArPs, No. 144, 1932.

3537. **Tests of Emotional Stability**, by A. J. Snow. Ref: Snow, A. J. Tests for transportation pilots. JApPs, 1926, 10, 37–51.

3538. **Adjustment Questionnaire**, by P. M. Symonds. New York: Psychological Corporation. Ref: (1) Symonds, P. M. Group methods for conducting a mental hygiene survey of high school pupils. SchSoc, 1930, 32, 501–506. (2) Symonds, P. M., and Jackson, C. E. An adjustment survey. JEdR, 1930, 21, 321–330. (3) Symonds, P. M., and Jackson, C. E. Measurement of the personality adjustments of high school pupils. New York: Bureau of Publications, Teachers College, Columbia University, 1935.

3539. **Identification Sheet**, by P. M. Symonds. (Mimeographed form only.) Ref: Symonds, P. M., and Jackson, C. E. An adjustment survey. JEdR, 1930, 21, 321–330.

3540. **What Kind of Year Are You Having?**, by P. M. Symonds. Range: junior and senior high school. New York: Bureau of Publications, Teachers College, Columbia University, 1932.

3541. **Student Questionnaire**, by P. M. Symonds and V. L. Block. Range: grades 7–14. New York: Bureau of Publications, Teachers College, Columbia Unisity, 1932.

3542. **Personality Inventory**, by F. Stefanescu-G., L. Rusu, A. Rosca, and D. Todoranu. Range: high school. Ref: Stefanescu-G., F., Rusu, L., Rosca, A., and Todoranu, D. Fisa personala. Cluj, Rumania: Inst. de Psihol., University of Cluj, 1933.

3543. **Personality Inventory**, by L. A. Thompson. Ref: Thompson, L. A. Personal history, intelligence and academic achievement. JSocPs, 1934, 5, 500–507.

3544. **Personality Schedule**, by L. L. Thurstone and T. G. Thurstone. Range: high school, college and adult. Chicago: University of Chicago Press, 1929. Ref: Thurstone, L. L., and Thurstone, T. G. A neurotic inventory. JSocPs, 1930, 1, 3–30. Also, Harvey, O. L. Concerning the Thurstone Personality Schedule. JSocPs, 1932, 3, 240–251.

3545. **Test of Introversion-Extroversion**, by L. E. Travis. Ref: Travis, L. E. Suggestibility and negativism as measured by auditory threshold during reverie. JAbSocPs, 1924, 18, 355–359. Also, Travis, R. C. The diagnosis of character types by visual and auditory thresholds. PsM, 1926, 36, No. 2.

3546. **Tryon Personality Inventory**, by C. M. Tryon. Ref: Tryon, C. M. Constancy and generality of emotional adjustment in adolescents as measured by a questionnaire. PsBul, 1934, 31, 585–586.

3547. **Self-Description Tests of Personality Adjustment**, by N. Van Wagenen. Ref: Van Wagenen, N. The stability of self-description tests of personality adjustment. New York: Teachers College, Columbia University, Ph.D. Dissertation, 1934.

3548. **Test of Inferiority Feeling**, by R. R. White and N. Fenton. Ref: White, R. R., and Fenton, N. Item validation of a test of inferiority feeling. JJuvRes, 1932, 16, 231–245.

3549. **White House Conference Inventory.** Ref: Cavan, R. S. The Murray psychoneurotic inventory and the White House Conference inventory. JJuvRes, 1934, 18, 23–27.

3550. **Short Scale for Measuring Introversion-Extroversion**, by R. H. Whitman. Ref: Whitman, R. H. A short scale for measuring introversion and extroversion. JApPs, 1929, 13, 499–504.

3551. **Clark Revision of the Thurstone Personality Schedule**, by R. R. Willoughby. Worcester, Mass.: Clark University Press, 1933. Ref: Willoughby, R. R. Some properties of the Thurstone Personality Schedule and a suggested revision. JSocPs, 1932, 3, 401–424.

3552. **Woodworth Personal Data Sheet (Psychoneurotic Inventory)**, by R. S. Woodworth. Range: adults. Chicago: C. H. Stoelting Co., 1918, 1920. Ref: (1) House, S. D. A mental hygiene inventory. ArPs, 1926, 14, No. 88, 39–42. (2) Franz, S. I. Handbook of mental examination methods. New York: Macmillan Co., 1919, p. 170–176. (3) Garrett, H. E. and Schneck, M. R. A study of the discriminative value of the Woodworth Personal Data Sheet. JGenPs, 1928, 1, 459–471.

3553. **Woodworth-Cady Personal Data Sheet (Revision of the Woodworth Psychoneurotic Questionnaire)**, by R. S. Woodworth and V. M. Cady. Chicago: C. H. Stoelting Co. Ref: Terman, L. M., Editor. Genetic studies of genius, Vol. I. Stanford University, Calif.: Stanford University Press, 1925. Also: Cady, V. M. The estimation of juvenile incorrigibility. JDelM, No. 2, 1923.

3554. **Woodworth-House Mental Hygiene Inventory**, by R. S. Woodworth and S. D. House. Range: college and adult. Chicago: C. H. Stoelting Co., 1928. Ref: House, S. D. A mental hygiene inventory. ArPs, 1926–1927, 14, No. 88, 1–112.

3555. **Woodworth-Mathews Personal Data Sheet**, by R. S. Woodworth and E. Mathews. Range: 9–18 years. Chicago: C. H. Stoelting Co., 1923. Ref: Mathews, E. A study of emotional stability in children by means of a questionnaire. JDel, 1923, 8, 1–40. Also, Flemming, E. G., and Flemming, C. W. The validity of the Mathews revision of the Woodworth Personal Data Questionnaire. JAbSocPs, 1929, 23, 500–506.

See also addenda, Tests 4238, 4264.

ATTITUDES AND OPINIONS

3556. **Questionnaire on Differences and Preferences in Beliefs**, by T. M. Abel. Ref: Abel, T. M. National differences and preferences in beliefs: a statistical study. JComPs, 1926, 6, 21–24.

3557. **Tests for Information and Attitudes Regarding Child Development**, by L. A. Ackerley. Ref: Ackerley, L. A. The information and attitudes regarding child development possessed by parents of elementary school children. UnivIowaSChWelf, 1935, 10, 113–167.

3558. **Students' Attitudes and Opinions**, by F. H. Allport, D. Katz, et al. Chicago: C. H. Stoelting Co., 1931. Ref: Katz, D., and Allport, F. H. Students' attitudes: a report of the Syracuse University Reaction Study. Syracuse, N. Y.: The Craftsman Press, 1931.

3559. **Liberal Attitudes**, by F. H. Allport and D. A. Hartman. Ref: Allport, F. H., and Hartman, D. A. The measurement and motivation of atypical opinion in a certain group. AmPolScRev, 1925, 19, 735–760.

3560. **A Study of Values**, by G. W. Allport and P. E. Vernon. Range: adults. Boston: Houghton Mifflin Co., 1931. Ref: Vernon, P. E., and Allport, G. W. A test for personal values. JAbSoPs, 1931, 26, 231–248.

3561. **Attitude Test**, by A. Anderson and B. Dvorak. Ref: Anderson, A., and Dvorak, B. Difference between college students and their elders in standards of conduct. JAbSoPs, 1928, 23, 286–292.

3562. **Social Attitude Scales**, by Association Press. New York: Association Press.

3563. **Attitude Tests for Use in Connection with Study Outline on Jewish Experiences in America.** Includes separate tests on Word Reaction, Mutual Criticism, Personal Relations, and Policy Program. New York: Association Press, 1930.

3564. **Measuring Negro Self-Respect**, by H. W. Baumgardner. Ref: Baumgardner, H. W. Measuring negro self-respect. JNegroEd, 1935, 4, 490–497.

3565. **Test of Attitude**, by F. Baumgarten. Ref: Baumgarten, F. Un test d'intuition sympathique pour l'examen des aptitudes morales. Second International Conference of Psycho-Technique, Barcelona, 1922.

3566. **A List of Statements for the Study of Conservative and Progressive Beliefs**, by C. H. Bean. Ref: Bean, C. H. Psychology of adherence to the old and of acceptance of the new. JSocPs, 1933, 4, 340–345.

3567. **The School Inventory**, by H. M. Bell. (Attitude toward the school.) Range: high school. Stanford University, Calif.: Stanford University Press, 1936. Also, New York: Psychological Corporation.

3568. **A Scale for the Measurement of Attitude toward Candidates for Elective Governmental Office**, by H. C. Beyle. Ref: Beyle, H. C. A scale for the measurement of attitude toward candidates for elective governmental office. AmPolScRev, 1932, 26, 527–544.

3569. **A Test on International Relations**, by W. W. Biddle. Ref: Biddle, W. W. Propaganda and education. TCConEd, No. 531, 1932.

3570. **The Pacific Relations of the United States—A Recorder of Opinion**, by W. W. Biddle. Ref: Biddle, W. W. Propaganda and education. TCConEd, No. 531, 1932.

3571. **Biddle Test of Reading Judgment—Susceptibility to Propaganda**, by W. W. Biddle. Range: high school–adult. New York: Association Press, 1932. Ref: Biddle, W. W. Propaganda and education. TCConEd, No. 531, 1932.

3572. **A Social Distance Scale**, by E. S. Bogardus. Ref: (1) Bogardus, E. S. Social distance and its diagnosis. JApSoc, 1925, 9, 216–226. (2) Bogardus, E. S. Measuring social distance. JApSoc, 1925, 9, 299–308. (3) Bogardus, E. S. A social distance scale. Sociology and Social Research, 1933, 17, 265–271.

3573. **A Tentative Check List for Determining the Positions Held by Students on Forty Crucial World Problems**, by H. B. Bruner and A. V. Linden. Range: high school and college. New York: Bureau of Publications, Teachers College, Columbia University, 1935.

3574. **Questionnaire for Determining Race Attitudes of Children**, by H. M. Busch. Ref: Busch, H. M. Race attitudes of children. Religious Education, 1926, 21, 277–281.

3575. **Students' Attitudes Regarding Unfounded Beliefs**, by O. W. Caldwell and G. E. Lundeen. On file at the Institute of School Experimentation, Teachers College, Columbia University, New York. Ref: Lundeen, G. E., and Caldwell, O. W. A study of unfounded beliefs among high school seniors. JEdR, 1930, 22, 257–273. Also: Caldwell, O. W., and Lundeen, G. E. Do you believe it? New York: Doubleday, Doran and Co.

3576. **Tests of Attitudes**, by H. Cantril. Ref: Cantril, H. Tests of attitudes. PsM, 1932, 42, 1–107.

3577. **Around the World**, by A. T. Case and P. M. Limbert. Children's attitude toward peace. Range: grade 6–10. New York: Association Press, 1932.

Ref: Limbert, P. M. What children think about war. Progressive Education, 1933, 10, 67–71.

3578. **A Test of People's Opinions**, by Y. Chang. Ref: ChJPs, 1925, 2, No. 1.

3579. **Judgment of Relative Values**, by J. C. Chapman. Ref: Chapman, J. C. Judgment of relative values. JEdPs, 1920, 11, 385–397.

3580. **Scale of Attitude toward Disarmament**, by B. M. Cherrington. Ref: Cherrington, B. M. Methods of education in international attitudes. TCConEd, 1934, No. 595.

3581. **Attitudes Questionnaire**, by O. M. Clem and M. Smith. Ref: Clem, O. M., and Smith, M. Grade differences in attitudinal reactions of six-year secondary school pupils. JEdPs, 1934, 25, 297–309.

3582. **Test on Controversial Issues in Higher Education**, by D. P. Cottrell. New York: D. P. Cottrell, Teachers College, Columbia University, 1933. Ref: Cottrell, D. P. The measurement of conflicting viewpoints in higher education. TCRec, 1933, 34, 635–654.

3583. **Attitude Scale for Former Agricultural Pupils**, by S. S. Cromer. Lafayette, Indiana: Purdue University. Ref: Ferrel, R. W. Attitude test for former agricultural pupils. Agricultural Education, 1935, 7, p. 167.

3584. **An Intelligence Test for Parents**, by B. V. Cunningham. New York: The Parents Publishing Association, 1927.

3585. **Scale of Attitudes toward Nursery Schools**, by E. M. Cunningham. Ref: Cunningham, E. M. Measurement of attitudes toward nursery schools. JExEd, 1934, 3, 88–96.

3586. **Attitude Tests**, by F. B. Davis and C. J. Nichols. Ref: Davis, F. B., and Nichols, C. J. Technique for measuring attitudes at elementary school level. New York: Columbia Broadcasting Co., Institute for Education by Radio, 1935, 203–208.

3587. **Tests of Conformity**, by G. F. Deutsch. Ref: Deutsch, G. F. Conformity in human behavior. New York: Unpublished Master's Essay, Department of Psychology, Columbia University, 1923.

3588. **A Test for Social Distances in the Near East**, by S. C. Dodd. Ref: Dodd, S. C. A test for social distances in the Near East. Publication of the American Sociology Society, 1934, 28, 120. Also: Dodd, S. C. A social distance test in the Near East. AmJSoc, 1935, 41, 194–204.

3589. **Questionnaire on Superstitious and Religious Beliefs**, by G. J. Dudycha. Ref: Dudycha, G. J. The religious beliefs of college students. JApPs, 1933, 17, 595–603. Also: Dudycha, G. J. The superstitious beliefs of college students. JAbSoPs, 1933, 27, 457.

3590. **Attitudes toward Juvenile Delinquency**, by M. A. Durea. Ref: Durea, M. A. An experimental study of attitudes toward juvenile delinquency. JApPs, 1933, 17, 522–534.

3591. **Attitudes of Children Toward Theft**, by E. Fischer. Ref: Fischer, E. Über die Stellung des Kindes zum Diebstahl. ZPädPs, 1928, 29, 295–300, 384–389.

3592. **Scale for Measuring the Attitude of Parents Toward Child Behavior**, by M. H. Fitz-Simons. Ref: Fitz-Simons, M. H. A guide for the estimation of parental attitudes. JExEd, 1933, 2, No. 2.

3593. **Questionnaire on Present-day Clothes**, by J. C. Flügel. Ref: Flügel, J. C. On the mental attitude to present-day clothes. BrJMedPs, 1929, 9, 97–149.

3594. **Social Attitudes Questionnaire**, by R. Frederick. Ref: Frederick, R. An investigation into some social attitudes of high school pupils. SchSoc, 1927, 25, 410–412.

3595. **Questionnaire on Popular Misconceptions**, by H. E. Garrett and T. R. Fisher. Ref: Garrett, H. E., and Fisher, T. R. The prevalence of certain popular misconceptions. JApPs, 1926, 10, 411–420.

3596. **Social Science Research Council's Questionnaire on Racial Attitudes**, by K. C. Garrison and V. S. Burch. Ref: Garrison, K. C., and Burch, V. S. A study of racial attitudes of college students. JSocPs, 1933, 4, 230–235.

3597. **Measurement of Attitude Changes**, by J. B. Gerberich and A. W. Jamison. Ref: Gerberich, J. B., and Jamison, A. W. Measurement of attitude changes during an introductory course in college sociology. JEdSoc, 1934, 8, 116–124.

3598. **Test of Superstition**, by A. R. Gilliland. Ref: Gilliland, A. R. A study of the superstitions of college students. JAbSoPs, 1930, 24, 472–479.

3599. **A Scale of Beliefs**, by P. R. Grim. (Militarism, nationalism, radicalism, democracy, individualism, labor and unemployment.) Ref: Grim, P. R. A technique for the measurement of attitudes in the social studies. Educational Research Bulletin, Ohio State University, 1936, 15, 95–104.

3600. **Attitudes Scale**, by O. M. Hall. Ref: Hall, O. M. Attitudes and unemployment: comparison of the opinions and attitudes of employed and unemployed men. ArPs, 1934, No. 165.

3601. **Test of Opinions, Feelings and Attitudes Concerning Some International Problems**, by H. R. Harper. New York: Association Press, 1929. Ref: Harper, H. R. What European and American students think on international affairs. Studies of the International Institute, No. 12, 9–30. New York: Bureau of Publications, Teachers College, Columbia University, 1931.

3602. **A Test of Social Beliefs and Attitudes**, by M. H. Harper. Range: adults. New York: Bureau of Publications, Teachers College, Columbia University, 1927. Ref: Harper, M. H. Social beliefs and attitudes of American educators. TCConEd, 1927, No. 294.

3603. **Test of Social Attitudes and Interests**, by H. Hart. Iowa City: Iowa Child Welfare Research Station, University of Iowa, 1922. Ref: Hart, H. A test of social attitudes and interests. UnivIowaSChWelf, 1923, 2, No. 4.

3604. **Tests of Information and Attitudes**, by P. R. Hightower. Ref: Hightower, P. R. Biblical information in relation to character and conduct. UnivIowaSChar, 1930, 3, No. 2.

3605. **Scale for Measuring Attitude Toward any Teacher**, by L. D. Hoshaw. Ref: Hoshaw, L. D. The construction and evaluation of a scale for measuring attitude toward any teacher. Bulletin of Purdue University, 1936, 37, 238–251.

3606. **Questionnaire on Attitudes Toward the Negro**, by C. W. Hunter. Ref: Hunter, C. W. Comparative study of the white and negro race. New York: Master's Essay, Columbia University, 1927.

3607. **Measurement of the Outlook on the Future**, by N. Israeli. Ref: Israeli, N. Measurement of attitudes and reactions to the future. JAbSoPs, 1933, 28, 181–193. Also: Israeli, N. Measurement of the outlook on the future. PsBul, 1934, 31, 643–644.

3608. **Interview Form for Recording Parents' Attitudes and Practices in Child Rearing**, by L. M. Jack. Ref: Jack, L. M. A device for the measurement of parent attitudes and practices. UnivIowaSChWelf, 1932, 6, 135–149.

3609. **Belief-Pattern Scale for Measuring Attitudes toward Feminism**, by C. Kirkpatrick. Ref: (1) Kirkpatrick, C. A comparison of generations in regard to attitudes toward feminism. JGenetPs, 1936, 49, 343–361. (2) Kirkpatrick, C. Construction of a belief-pattern scale for measuring attitudes toward feminism. JSocPs, 1936, 7, 421–443. (3) Kirkpatrick, C. Content of a scale for measuring attitudes toward feminism. Sociology and Social Research (in press).

3610. **Questionnaire for Studying the Attitudes of Radio Listeners**, by C. Kirkpatrick. Ref: Kirkpatrick, C. Report of a research into the attitudes and habits of radio listeners. St. Paul, Minn.: Webb Book Publishing Co., 1933.

3611. **Questionnaires for Teachers and Pupils on Adolescent Crushes**, by E. R. Klein and E. B. Hurlock. Ref: Hurlock, E. B., and Klein, E. R. Adolescent 'crushes.' ChDev, 1934, 5, 63–80.

3612. **A Scale for Measuring Attitude Toward the Question of Children's Freedom,** by H. L. Koch, M. Dentler, B. Dysart, and H. Streit. Ref: Koch, H. L., Dentler, M., Dysart, B., and Streit, H. A scale for measuring attitude toward the question of children's freedom. ChDev, 1934, 5, 253–266.

3613. **Personality Questionnaire,** by C. Kohler. (Revision of the Chicago Attitude Scale). Ref: Kohler, C. Fragebogen zur Erfassung der Gesamptpersonlichkeit. IndPste, 1933, 10, 57–60.

3614. **Questionnaire on Likes and Dislikes,** by A. W. Kornhauser. Ref: Kornhauser, A. W. Results from a quantitative questionnaire on likes and dislikes used with a group of college freshmen. JApPs, 1927, 11, 85–94.

3615. **Parent-Child Relationships Tests,** by G. Laws. Ref: Laws, G. Parent-child relationships, a study of the attitudes and practices concerning social adjustment of children. TCConEd, No. 283. Tests are given in the Appendix. New York: Bureau of Publications, Teachers College, Columbia University, 1927.

3616. **Conservatism-Radicalism (C–R) Opinionaire,** by T. F. Lentz, et al. St. Louis, Mo.: Character Research Institute, Washington University, 1934. Ref: Lentz, T. F. Reliability of opinionaire technique studied intensively by the retest method. JSocPs, 1934, 5, 338–364.

3617. **Youth Expressionaire, an Inventory of Opinions and Interests,** by T. F. Lentz. St. Louis, Mo.: Department of Education, Washington University, 1936. Also: United States Department of the Interior, Office of Education, Washington, D. C.

3618. **Orientation Test,** by A. S. Lewerenz and H. C. Steinmetz. Range: high school and college. Los Angeles, Calif.: Southern California School Book Depository, 1931. Ref: Lewerenz, A. S. The orientation test. Los Angeles Educational Research Bulletin, 1931, 10, 6–12. Also: Tiegs, E. W. Educational measurements. Boston: Houghton Mifflin Co., 1931.

3619. **Measurement of Attitudes,** by R. Likert. Ref: Likert, R. Technique for measurement of attitudes. ArPs, 1932, No. 140.

3620. **The Self-Estimation of Chinese Students,** by C. W. Luh and R. C. Sailer. Ref: Luh, C. W., and Sailer, R. C. The self-estimation of Chinese students. JSocPs, 1933, 4, 245–249.

3621. **Questionnaire on the Radio,** by F. H. Lumley. Ref: Lumley, F. H. Measurement in radio. Columbus, Ohio: Ohio State University Press, 1934.

3622. **Test of Value-Types,** by W. A. Lurie. Ref: Lurie, W. A. A study of Spranger's value-types by the method of factor analysis. JEdSocPs, 1937, 8, 17–37.

3623. **Tests in Social Attitudes,** by H. M. Lynd. Ref: Lynd, R., and Lynd, H. M. Middletown. New York: Harcourt, Brace and Co., 1929.

3624. **Student Attitude Toward Education,** by K. B. McCannon and J. G. Darley. Minneapolis, Minn.: University of Minnesota, 1935. Ref: Williamson, E. G., and Darley, J. G. Student personnel work. An outline of clinical procedures. New York: McGraw-Hill Book Co., 1937.

3625. **Attitudes of Jewish Students,** by J. B. Maller. New York: Union of Orthodox Jewish Congregations of America, 1931.

3626. **Test for Superstitious Beliefs,** by J. B. Maller and G. E. Lundeen. Ref: Maller, J. B., and Lundeen, G. E. Sources of superstitious beliefs. JEdR, 1933, 26, 1–23.

3627. **Social Orientation,** by J. B. Maller and H. S. Tuttle. Range: high school and college. New York: J. B. Maller, Teachers College, Columbia University, 1935.

3628. **Attitudes Towards Academic Honesty,** by C. O. Mathews. Ref: Mathews, C. O. Attitudes towards academic honesty. Mental Health Observer, 1933, 1, 3.

3629. **Measurement of Children's Social Concepts,** by H. Meltzer. Ref: Meltzer, H. Children's social concepts: their nature and development. TCConEd, 1925, No. 192.

3630. **Test for Measuring Moral Attitudes and Opinions,** by E. Mira. Ref: Mira, E. La nova conception experimental de la conducta moral. Rivista di Psicologia i Pedagogia, 1933, 1, 229–251.

3631. **Morris Trait Index L,** by E. H. Morris. Range: college students, and elementary and high school teachers. Bloomington, Ill.: Public School Publishing Co., 1929. Ref: Morris, E. H. Personal traits and success in teaching. TCConEd, 1929, No. 342. Also: Morris, E. H. Measuring leadership. PerJ, 1930, 9, 124–127.

3632. **Test of International Attitudes,** by G. B. Neumann, D. H. Kulp II, and H. H. Davidson. Range: high school–adult. New York: Bureau of Publications, Teachers College, Columbia University, 1931. Ref: Neumann, G. B. A study of international attitudes of high school pupils. TCConEd, 1926, No. 239, 97–116.

3633. **Filipino Attitudes Toward America by the Use of the Thurstone Technique,** by G. H. Nystrom. Ref: Nystrom, G. H. The measurement of Filipino attitudes toward America by use of the Thurstone technique. Proceedings of the Iowa Academy of Science, 1932, 39, 223–226. Also: Nystrom, G. H. The measurement of Filipino attitudes toward America by the use of the Thurstone technique. JSocPs, 1933, 4, 249–252.

3634. **Tests for Measuring Attitudes toward Self-Reliance for Parents of Preschool Children, Elementary School Children and High School Children,** by R. H. Ojemann. Ref: Ojemann, R. H. The measurement of attitude toward self-reliance. UnivIowaSChWelf, 1934, 10, 101–111.

3635. **Opinions on Race Relations.** New York: Association Press, Character and Personality Test Series, 1929.

3636. **A Questionnaire of Attitudinal Reactions,** by M. C. Orlie and M. Smith. Ref: Orlie, M. C., and Smith, M. Grade differences in attitudinal reactions of six-year secondary school pupils. JEdPs, 1934, 25, 297–309.

3637. **Superstition Questionnaire,** by J. Page. Ref: Page, J. Superstition and personality. JEdPs, 1935, 26, 59–64.

3638. **What Do You Think About Orientals in the United States?** by A. Palmer. Based on "Orientals in American life," by A. Palmer. New York: Friendship Press, 1934.

3639. **Superstitions Questionnaire,** by J. G. Peatman and I. Greenspan. Ref: Peatman, J. G., and Greenspan, I. An analysis of results obtained from a questionnaire of superstitious beliefs of elementary school children. JAbSoPs, 1936, 30, 502–507; 1935, 30, 208–221.

3640. **Mores Scales,** by C. C. Peters. Ref: Peters, C. C. Motion pictures and standards of morality. New York: Macmillan Co., 1933.

3641. **Test on Student Opinion on War,** by E. Porter. Ref: Porter, E. Student opinion on war. Chicago: University of Chicago, Doctoral Dissertation, 1926.

3642. **Pressey Interest-Attitude Tests,** by S. L. Pressey, L. C. Pressey, and W. B. Hudson. (A revision of the Pressey X–O tests.) Range: grade 6 through college, Columbus, Ohio: Department of Psychology, Ohio State University. Also, New York: Psychological Corporation, 1933. Ref: Pressey, S. L., and Pressey, L. C. Development of the interest-attitude tests. JApPs, 1933, 17, 1–16.

3643. **Social Attitudes,** by A. S. Raubenheimer. Ref: Terman, L. M., Editor. Genetic studies of genius, Volume I. Stanford University, Calif.: Stanford University Press, 1925, p. 497.

3644. **Teacher's Views on Some Problems in General Educational Theory,** by R. B. Raup. New York: Bureau of Publications, Teachers College, Columbia University, 1931.

3645. **Attitude Scales**, directed and edited by H. H. Remmers. Range: grades 7–16. Lafayette, Ind.: Division of Educational Reference, Purdue University, 1933–1936.

a. Scale for measuring attitude toward any home-making project, by B. K. Vogel, 1934.
b. Scale for measuring attitude toward any institution, by T. B. Kelly, 1934.
c. Scale for measuring attitude toward any national or racial group, by H. H. Grice, 1934.
d. Scale for measuring attitude toward any practice, by H. W. Bues, 1934.
e. Scale for measuring attitude toward any school subject, by E. B. Silance, 1934.
f. Scale for measuring attitude toward any teacher, by L. D. Hoshaw, 1935.
g. Scale for measuring attitude toward any vocation, by H. E. Miller, 1934.
h. Scale for measuring attitudes toward any play, by M. Dimmitt, 1935.
i. Scale for measuring attitudes toward any proposed social action, by D. M. Thomas, 1935.
j. Scale for measuring attitudes toward any selection of poetry, by J. E. Hadley.
k. Scale for measuring attitude toward any disciplinary procedure, by V. R. Clouse, 1936.
l. Scale for measuring individual and group "morale," by L. Whisler, 1936.

Ref: (1) Studies in Attitudes—A Contribution to Social-Psychological Research Methods. Lafayette, Ind.: Studies in Higher Education, XXVI, Bulletin of Purdue University, Vol. 35, No. 4, 1934. (2) Further Studies in Attitudes, Series II. Bulletin of Purdue University, Vol. 37, No. 4. Studies in Higher Education, XXXI, December, 1936. (3) Remmers, H. H., and Silance, E. B. Generalized attitude scales. JSocPs, 1934, 5, 298–312. (4) Remmers, H. H., Brandenburg, G. C., and Gillespie, F. H. Measuring attitude toward the high school. JExEd, 1933, 2, 60–64.

3646. **Summary Card and Parent Rating Schedule**, by P. Ricciardi. Ref: Ricciardi, P. Summarizing the parent interview in a child guidance clinic. JJuvRes, 1935, 19, 146–159.

3647. **Robinson Attitudes Tests.** Range: college students. Ref: Davis, T. E. Some racial attitudes of negro college and grade school students. JNegroEd, 1937, 6, 157–165.

3648. **Robinson "What I Think" Test.** Range: grade school students. Ref: Davis, T. E. Some racial attitudes of negro college and grade school students. JNegroEd, 1937, 6, 157–165.

3649. **Negro Behavior Attitude Scale**, by A. C. Rosander. Ref: Rosander, A. C. An attitude scale based upon behavior situations. JSocPs, 1937, 8, 3–15.

3650. **Minnesota Scale for the Survey of Opinions**, by E. A. Rundquist and R. F. Sletto. (Scales to measure morale, feelings of inferiority, family tension, economic conservatism, and attitudes toward law and education.) Range: ages 16–25. Minneapolis: University of Minnesota Press. Ref: Rundquist, E. A., and Sletto, R. F. Personality in the depression: a study in attitude measurement. Minneapolis: University of Minnesota Press, 1936.

3651. **Questionnaire on Negative Ideals**, by K. Schmeing. Ref: Schmeing, K. Ideal und Minusideal in der jugendlichen Entwicklung. IndPste, 1933, 10, 381–382.

3652. **Attitudes of Children**, by H. Schneckenburger. Ref: Schneckenburger, H. Die Altersentwicklung und Milieubedingtheit des sozialethischen Verständnisses beim proletärischen Kinde. ZAngPs, 1932, 31, 451–458.

3653. **A Social Attitudes Test for Upper Grade Children**, by H. B. Smith. New York: H. B. Smith, Master of Science Thesis, Teachers College, Columbia University, 1936.

3654. **Test of Liking for Balance**, by M. E. W. Smith. Ref: Smith, M. E. W. Racial tastes. IndPs, 1926, 1, 118–120.

3655. **Attitude Scales**, by S. Smith. Ref: Smith, S. Issues in the field of personality measurement. PsBul, 1934, 31, 581. (Abstract.)

3656. **Fascist Attitudes Scale**, by R. Stagner. Ref: Stagner, R. Fascist attitudes: an exploratory study. JSocPs, 1936, 7, 309–319, 435–453.

3657. **Measuring Children's Attitudes toward Their Parents**, by R. Stagner and N. Drought. Ref: Stagner, R., and Drought, N. Measuring children's attitudes toward their parents. JEdPs, 1935, 26, 169–176.

3658. **Attitudes toward Intercollegiate Athletics**, by J. M. Stalnaker. Ref: Stalnaker, J. M. Attitudes toward intercollegiate athletics. SchSoc, 1933, 37, 499–504.

3659. **Attitude toward Child Behavior**, by R. M. Stogdill and H. H. Goddard. Columbus, Ohio: Ohio State University, 1936. Ref: Stogdill, R. M. Attitudes of parents toward parental behavior. JAbSoPs, 1934, 29, 293–297. Also: Stogdill, R. M. The measurement of attitudes toward parental control and the social adjustments of children. JApPs, 1936, 20, 359–367.

3660. **Personal Attitudes Test**, by L. Sweet. Form for boys and form for girls. New York: Association Press, 1929. Ref: Sweet, L. Personal attitudes test for younger boys. New York: Bureau of Publications, Teachers College, Columbia University, 1929. Also: Sweet, L. Measurement of personal attitudes in younger boys. New York: Occasional Studies, No. 9, Association Press, 1929.

3661. **Social Attitudes Questionnaire**, by P. M. Symonds. Ref: Symonds, P. M. A social attitude questionnaire. JEdPs, 1925, 16, 316–322.

3662. **Attitudes-Judgments Tests**, by W. H. Thompson. Omaha, Neb.: W. H. Thompson, Municipal University.

3663. **Scales for the Measurement of Social Attitudes**, edited by L. L. Thurstone. Chicago: University of Chicago Press, 1929–1934.
- Attitude toward God, by E. J. Chave and L. L. Thurstone.
- Attitude toward War, by D. D. Droba.
- Attitude toward the Negro, by E. D. Hinckley.
- Attitude toward the Law, by D. Katz.
- Attitude toward Capital Punishment, by R. C. Peterson.
- Attitude toward the Chinese, by R. C. Peterson.
- Attitude toward the Germans, by R. C. Peterson.
- Attitude toward War, by R. C. Peterson.
- Attitude toward Censorship, by A. C. Rosander and L. L. Thurstone.
- Attitude toward the Constitution of the United States, by A. C. Rosander and L. L. Thurstone.
- Attitude toward Prohibition, by H. N. Smith and L. L. Thurstone.
- Attitude toward Patriotism, by M. B. Thiele and L. L. Thurstone.
- Attitude toward Communism, by L. L. Thurstone.
- Attitude toward Evolution, by T. G. Thurstone.
- Attitude toward the Church, by L. L. Thurstone and E. J. Chave.
- Attitude toward Immigration, by L. L. Thurstone.
- Attitude toward League of Nations, by L. L. Thurstone.
- Attitude toward Free Trade, by L. L. Thurstone.
- Attitude toward Monroe Doctrine, by L. L. Thurstone.
- Attitude toward German War Guilt, by L. L. Thurstone.
- Attitude toward the Bible, by L. L. Thurstone and E. J. Chave.
- Attitude toward Economic Position of Women, by L. L. Thurstone.
- Attitude toward Foreign Missions, by L. L. Thurstone.
- Attitude toward Divorce, by L. L. Thurstone.
- Attitude toward Freedom of Speech, by L. L. Thurstone.
- Attitude toward Social Position of Women, by L. L. Thurstone.
- Attitude toward Honesty in Public Office, by L. L. Thurstone.
- Attitude toward Preparedness, by L. L. Thurstone.
- Attitude toward Public Ownership, by L. L. Thurstone.

Attitude toward Unions, by L. L. Thurstone.
Attitude toward Public Office, by L. L. Thurstone.
Attitude toward Birth Control, by C. K. A. Wang and L. L. Thurstone.
Attitude toward Sunday Observance, by C. K. A. Wang and L. L. Thurstone.
Attitude toward the Treatment of Criminals, by C. K. A. Wang and L. L. Thurstone.
Attitude toward the Movies, by L. L. Thurstone and R. C. Peterson.

Ref: (1) Chave, E. J. A new type of scale for measuring attitudes. Religious Education, 1928, 23, 364–369. (2) Droba, D. D. A scale of militarism-pacifism. JEdPs, 1931, 22, 96–111. (3) Hinckley, E. D. The influence of individual opinion on construction of an attitude scale. JSocPs, 1932, 3, 283–296. (4) Johnson, C. S. Measurement of racial attitudes. American Sociological Society Publications, 1931, 25, 150–153. (5) Peterson, R. C., and Thurstone, L. L. The effect of a motion picture film on children's attitudes toward Germans. JEdPs, 1932, 23, 241–246. (6) Smith, H. N. A scale for measuring attitudes toward prohibition. JAbSoPs, 1932, 26, 429–437. (7) Thurstone, L. L., and Chave, E. J. The measurement of attitude. Chicago: University of Chicago Press, 1929. (8) Thurstone, L. L. A scale for measuring attitude toward the movies. JEdR, 1930, 22, 89–94. (9) Peterson, R. C., and Thurstone, L. L. The effect of motion pictures on the social attitudes of high school children. Chicago: University of Chicago Bookstore, 1933.

3664. **Scales for the Measurement of Social and Political Attitudes**, by G. B. Vetter. Ref: Vetter, G. B. Measurement of social and political attitudes and the related personality factors. JAbSoPs, 1930, 25, 149–189. Also: Moore, G., and Garrison, K. C. A comparative study of social and political attitudes of college students. JAbSoPs, July, 1932, 27, 195–208.

3665. **Class Distinction Concepts Test**, by M. Wadmore. Ref: Wadmore, M. An inquiry into children's ideas on social and industrial questions. JExPed, 1922, 6, 303–317.

3666. **Warne Index of Social Attitudes**, by C. E. Warne. Pittsburgh, Pa.: C. E. Warne, Department of Education, University of Pittsburgh. Ref: Kinder, J. S., and Odell, C. W. Educational tests for use in institutions of higher learning. University of Illinois Bulletin, 1930, 27, 50.

3667. **Emotional Attitudes Test**, by G. B. Watson. Ref: Woody, C. Standardized tests designed for use in institutions of higher learning. Washington, D. C.: American Council on Education, 1930, p. 62.

3668. **Association Press Camp Evaluation Blanks**, by G. B. Watson. New York: Association Press, 1927.

3669. **Test of Public Opinion (Fairmindedness)**, by G. B. Watson. Range: high school, college or adult groups. New York: Bureau of Publications, Teachers College, Columbia University, 1925. Ref: Watson, G. B. The measurement of fairmindedness. TCConEd, 1925, No. 176.

3670. **Opinions on Race Relations**, by G. B. Watson. Range: designed for adults, but useful with high school pupils. New York: Association Press.

3671. **Test of Interracial Attitudes**, by G. B. Watson. Ref: Watson, G. B. Orient and Occident: an opinion study. Unpublished manuscript on file at the Institute of Pacific Relations, 129 East 52nd Street, New York City.

3672. **Test of Racial Attitudes**, by G. B. Watson. New York: Teachers College, Columbia University.

3673. **Opinions on International Questions**, by G. B. Watson, from material devised by G. B. Neumann, E. Porter, R. W. Hollinger, R. Frederick, and S. M. Keeny. Range: junior high school and above. New York: Association Press, 1928.

3674. **Questionnaire Concerning Discipline at Home**, by G. B. Watson. Ref: Watson, G. A comparison of the effects of lax versus strict home training. JSocPs, 1934, 5, 102–105.

3675. **Measurement of Attitude,** by H. J. Wegrocki. Ref: Wegrocki, H. J. The effect of prestige suggestibility on emotional attitudes. JSocPs, 1934, 5, 384–394.

3676. **Measurement of Attitudes,** by J. D. Weinland. Ref: Weinland, J. D. An objective method for the measurement of attitudes. JApPs, 1930, 14, 427–436.

3677. **The Measurement of Attitude toward Current Political and Economic Problems,** by M. L. Whittaker. Range: junior and senior high school pupils. Ref: Whittaker, M. L. The measurement of attitude toward current political and economic problems in junior and senior high school pupils. Iowa City: University of Iowa Dissertation. Also: JExEd, 1933, 2, 65–92.

3678. **Wilke Attitude Test,** by W. H. Wilke. Ref: Wilke, W. H. An experimental comparison of speech, radio and the printed page as propaganda devices. ArPs, 1932, 169.

3679. **Questionnaire for Attitudes toward Sex Education,** by H. L. Witmer. Ref: Witmer, H. L. The attitudes of mothers towards sex education. Minneapolis, Minn.: University of Minnesota Press, 1929.

3680. **Test of Liberalism on Race, International and Politico-National Questions,** by J. W. Wrightstone. Ref: Wrightstone, J. W. Civic beliefs and correlated intellectual and social factors. SchRev, 1934, 42, 53–58.

3681. **Scale for Measurement of Social Opinions,** by L. D. Zeleny. Ref: Zeleny, L. D. A measure of social opinions of students. JApSoc, 1926, 11, 56–64.

3682. **Racial Attitude Scale,** by R. Zeligs and G. Hendrickson. Ref: Zeligs, R., and Hendrickson, G. Racial attitudes of two hundred sixth-grade children. Journal of Sociological and Social Research, 1933, 18, 26–36; 1937, 21, 361–371. Also: Zeligs, R. Teach your child tolerance. Parents Magazine, 1934, 9, p. 15.

3683. **An Empirical Scale for Measuring Militarism-Pacifism,** by J. Zubin and M. Gristle. PsRec, 1937, Vol. I, 2, 25–32.

3684. **Nixon Questionnaire of Popular Misbeliefs.** Ref: Mentioned by Whitelaw, H., and Laslett, H. R. A further study of acceptance of popular misbeliefs among college students. Kadelpian Review, 1932, 11, 297–300.

See also addenda, Tests 4224, 4275.

SOCIAL TRAITS

3685. **Social Relationship Questionnaire,** by F. H. Allport. Range: adult. Chicago: C. H. Stoelting Co., 1926.

3686. **Almack Humor Test,** by J. C. Almack. Stanford University, Calif.: Stanford University Press, 1928. Ref: Almack, J. C. The nature of humor. Century Magazine, 1928, 116, 567–573.

3687. **Marriage Inventory,** by J. Bernard. Ref: Bernard, J. Some biological factors in personality and marriage. Human Biology, 1935, 7, 430–436.

3688. **F 2 S (Sociability),** by R. G. Bernreuter. Ref: Bernreuter, R. G. Manual for the personality inventory. Stanford University, Calif.: Stanford University Press, 1935.

3689. **Humor Test for Children,** by G. E. Bird. Ref: Bird, G. E. An objective humor test for children. PsBul, 1925, 22, 137–138.

3690. **The Social Participation Scale,** by F. S. Chapin. Minneapolis: University of Minnesota Press, 1937.

3691. **Test of Social Behavior,** by H. Dirks. Ref: Dirks, H. Experimentelle Untersuchungen des socialen Verhaltens. ZAngPs, 1932, 43, 3–4, 193–270.

3692. **Test of Social Perception,** by G. S. Gates. Chicago: C. H. Stoelting Co. Ref: Gates, G. S. An experimental study of the growth of social perceptions. JEdPs, 1923, 14, 449–460.

3693. **Test of Humor,** by F. W. O. Giese. Ref: Giese, F. W. O. Handbuch psychologischer Eignungsprüfungen. Halle, Germany: Marhold, 1925.

3694. **Sociability Test**, by A. R. Gilliland and R. S. Burke. Ref: Gilliland, A. R., and Burke, R. S. A measurement of sociability. JApPs, 1926, 10, 315–326.

3695. **Social-Knowledge Tests, Upper and Lower Social Stratas**, by H. W. Hepner. Range: high school through adult. Syracuse, N. Y.: H. W. Hepner, Syracuse University.

3696. **Sociability Test**, by J. C. Hsia. Ref: Hsia, J. C. A study of the sociability of elementary school children. TCConEd, 1928, No. 322.

3697. **Landis Sense of Humor Test**, by C. Landis. Ref: Landis, C., and Ross, J. W. H. Humor and its relation to other personality traits. JSocPs, 1933, 4, 156–175. Also: Stone, C. P., Darrow, C. W., and Landis, C. Studies in the dynamics of behavior. Chicago: University of Chicago Press, 1932, p. 293.

3698. **Lehman's Play Quiz**, by H. C. Lehman. Range: ages 8–22. Lawrence, Kansas: University of Kansas. Also, New York: Association Press, 1926. Ref: Lehman, H. C., and Witty, P. A. The psychology of play activities. New York: A. F. Barnes and Co., 1927.

3699. **Sociometric Measurements**, by J. L. Moreno. Ref: (1) Moreno, J. L. Psychological and social organization of groups in the community. Proceedings and Addresses of the American Association for Mental Deficiency, 1933, 38, 224–242. (2) Kephart, N. C. Some changes in delinquents during institutional commitment. JJuvRes, 1937, 21, 67–76. (3) Moreno, J. L. Who shall survive? A new approach to the problem of human interrelations. Washington, D. C.: Nervous and Mental Disease Publishing Co., 1934, Monograph No. 58.

3700. **The Socially Competent Person**, by P. R. Mort, R. B. Spence, V. C. Arnspiger, and L. K. Eads. Range: junior high school. New York: Bureau of Publications, Teachers College, Columbia University, 1937.

3701. **George Washington University Social Intelligence Test**, by F. A. Moss, T. Hunt, K. T. Omwake, and M. M. Ronning. Range: high school and college. Washington, D. C.: Center for Psychological Service, 1925, 1927, 1930. Ref: Hunt, T. The measurement of social intelligence. JApPs, 1928, 12, 317–334.

3702. **Test of Manners and Good Form**, by C. I. Orr. One of the Character Education Inquiry tests. New York: Association Press, 1930.

3703. **Questions on Social Conduct (Russian)**, by B. F. Palman. Ref: Maller, J. B. Character and personality tests. New York: Bureau of Publications, Teachers College, Columbia University, 1932, p. 41.

3704. **Methods for Measuring Leadership within a Group**, by E. Partridge. Ref: Partridge, E. Leadership among adolescent boys. TCConEd, No. 608, 1934.

3705. **Social Rating Scale**, by S. D. Porteus. Ref: (1) Porteus, S. D. A study of personality of defectives with a social rating scale. Vineland, N. J.: Publications of the Vineland Training School, 1920, No. 23. (2) Porteus, S. D. The social rating scale. TrSchB, 1921, 18, 33–39. (3) Porteus, S. D. A social rating scale for defectives. Journal of Psychoasthenics, 1921, 26, 117–126.

3706. **Social Relations Test**, by M. J. Ream. Pittsburgh, Pa.: Carnegie Institute of Technology. Ref: Ream, M. J. A social relations test. JApPs, 1922, 6, 69–73.

3707. **Social Situation Judgments Test—Form I**, by A. A. Reed and C. C. Weidemann. Ref: Reed, A. A., and Weidemann, C. C. A social situation judgments test. Form I. Educ. Res. Rec., 1933, 5, 10–17.

3708. **Tact Test**, by N. V. Scheidemann. Chicago: C. H. Stoelting and Co.

3709. **Social Situation Picture Test**, by L. A. Schwartz. Form for boys, form for girls. Range: 6–14 years. Chicago: C. H. Stoelting and Co., 1931. Ref: Schwartz, L. A. Social-situation pictures in the psychiatric interview. AmJOrth, 1932, 2, 124–133.

3710. **Test of Social Contacts,** by J. J. Stauter and L. M. Hunting. Ref: Stauter, J. J., and Hunting, L. M. An acquaintanceship questionnaire as a test of sociability. JSocPs, 1933, 4, 377–380.

3711. **Tests on Social Usage,** by M. B. Stephenson and R. L. Millet. Range: high school and college. Bloomington, Ill.: McKnight and McKnight, 1935, 1938.

3712. **Test of Knowledge of Social Usage,** by R. Strang, M. A. Brown and D. C. Stratton. Range: junior and senior high school. New York: Bureau of Publications, Teachers College, Columbia University, 1933. Ref: Strang, R. Knowledge of social usage in junior and senior high school. SchSoc, 1931, 34, 709–712.

3713. **Plays, Games, and Amusements Test,** by L. M. Terman. Ref: Terman, L. M. Genetic studies of genius. Stanford University, Calif.: Stanford University Press, 1925, V. I, 388–393.

3714. **The Best Thing To Do Test,** by F. E. Tomlin. Range: grades 4–8. Stanford University, Calif.: Stanford University Press, 1931.

3715. **Sapich Edition of the Social Adjustment Inventory,** by J. N. Washburne. Range: high school through adult. Syracuse, N. Y.: J. N. Washburne, Syracuse University, 1935. Also: Association Press, New York. Ref: Washburne, J. N. A test of social adjustment. JApPs, April 1935, 19, 123–144.

3716. **Minnesota Inventories of Social Attitudes,** by E. G. Williamson and J. G. Darley. Minneapolis, Minn.: University of Minnesota, 1935. Ref: Williamson, E. G., and Darley, J. G. Student personnel work. An outline of clinical procedures. New York: McGraw-Hill Book Co., 1937. Also: Williamson, E. G., and Darley, J. G. The measurement of social attitudes of college students; I: standardization of tests and results of a survey; II: validation of two aptitude tests. JSocPs, 1937, 8, 219–229, 231–242.

See also addenda, Tests 4244, 4258, 4274.

INTERESTS

See also: Vocational Tests, Interests, pp. 228–230; and all other sections, Character and Personality Tests, pp. 190–223.

3717. **Interests Questionnaire,** by H. Antipoff. Range: school children. Ref: Antipoff, H. Les intérêts et les idéals des enfants brésiliens. ArPs(-f), 1930, 22, 153–186.

3718. **"Catalog Test,"** by F. Baumgarten. (A Test of Preferences of Adults and Children.) Ref: (1) Baumgarten, F. Ein test zur Ermittung der Interessen von Kindern und Erwachsenen. Zeitschrift für Kinderpsychiat., 1934, 1, 143–154. (2) Baumgarten, F., and Steiger, J. Eine neue Methode Feststellung der Interessen von Kindern und Jugenlichen. Schwiez. Lehrer Zig., 1935, No. 23. (3) Baumgarten, F. Un test pour l'examen des gants des enfants et des adults. Travail Humain, 1935, 3, 283–296. (4) Baumgarten, F. Nowa metoda badonia zainteresowoá mlodzieźy i doroslych. Polish Archives of Psychology, 1934–35, 7, 232–244.

3719. **Brainard's Activity Inventory,** by P. P. Brainard. Range: forms for high school, college and adult. Ref: Brainard, P. P. Interest tests in vocational guidance. VocGuidMag, 1928, 6, 156–159.

3720. **Specific Interest Inventory for Boys,** by P. P. Brainard. Range: Form B for boys, Form M for men. New York: Pyschological Corporation, 1932. Also, Ann Arbor, Mich.: University of Michigan. Ref: Brainard, P. P. Interest tests in vocational guidance. VocGuidMag, 1928, 6, 156–159.

3721. **Specific Interest Inventory for Girls,** by P. P. Brainard and F. J. Stewart. Range: Form G for girls, Form W for women. New York: Psychological Corporation, 1932. Also, Ann Arbor, Mich.: University of Michigan.

3722. **Word Association Learning Test for Measuring Interests,** by H. E. Burtt. Ref: Burtt, H. E. Measuring interest objectively. SchSoc, 1923, 17, 444–448.

3723. **Interest Blank,** by B. Candee. Range: high school and college. New York: New York Employment Service, 124 East 28th Street.

3724. **Interest Test (Gauge of Object Libido Attachment)**, by R. B. Cattell. Range: all ages. Ref: Cattell, R. B. A guide to mental testing. University of London Press, 1936, p. 121–146. Also, Cattell, R. B. The measurement of interest. Character and Personality, 1935, 4, 147–169.

3725. **Rating Scale of Interests**, by C. M. Cox. Ref: Cox, C. M. The early mental traits of 300 geniuses. Genetic Studies of Genius, Volume II, L. M. Terman, editor. Stanford University, Calif.: Stanford University Press, 1926.

3726. **Interest Blank**, by Chicago Public Schools. Chicago: Department of Child Study, Public Schools.

3727. **A Questionnaire of Interests and Preferences**, by D. R. Craig. Ref: Fryer, D. A. Measurement of interests. New York: Henry Holt and Co., 1931, p. 63.

3728. **Record of Preferences**, by D. R. Craig. Ref: Fryer, D. Measurement of interests. New York: Henry Holt and Co., 1931, p. 64.

3729. **Verbal-Manual Interest Questionnaire**, by J. E. Davies and L. K. Patton. Ref: Davies, J. E., and Patton, L. K. Construction of a verbal-manual interest questionnaire. SchRev, 1936, 44, 694–700.

3730. **Adelphi U-C Interest Test**, by C. A. Drake. Ref: Drake, C. A. A study of an interest test and an affectivity test in forecasting freshman success in college. TCConEd, 1931, No. 504.

3731. **Dunlap's Interest Tests**, by J. W. Dunlap. Ref: Dunlap, J. W. Preferences as indicators of specific academic achievement. JEdPs, 1935, 26, 411–415; 1936, 27, 521–526.

3732. **Interest Questionnaire for High School Students**, by O. K. Garretson and P. M. Symonds. Range: grades 8, 9, 10. New York: Bureau of Publications, Teachers College, Columbia University, 1930–1931. Ref: Garretson, O. K. Relationships between expressed preferences and curricular abilities of ninth grade boys. TCConEd, 1930, No. 396. Also: Symonds, P. M. Tests and interest questionnaires in the guidance of high school boys. New York: Bureau of Publications, Teachers College, Columbia University.

3733. **Interests Test**, by G. R. Giles. Ref: Giles, G. R. A new interests test. JEdPs, 1936, 27, 527–536.

3734. **Hildreth Personality and Interest Inventory, Elementary Form**, by G. H. Hildreth. Range: grades 4–8. New York: Bureau of Publications, Teachers College, Columbia University, 1936.

3735. **Hildreth Personality and Interest Inventory, High School Form**, by G. H. Hildreth. Range: grades 9–12. New York: Bureau of Publications, Teachers College, Columbia University, 1936.

3736. **Interest Questionnaires**, by D. W. Jensen. Ref: Terman, L. M., editor. Genetic studies of genius, Volume III. Stanford University, Calif.: Stanford University Press, 1930.

3737. **Kelley's Interest Tests**, by T. L. Kelley. Ref: Kelley, T. L. Educational guidance—an experimental study in the analysis and prediction of ability of high school boys. TCConEd, 1914, No. 71.

3738. **Personnel Record and Interest Test**, by L. H. King. Ref: King, L. H. Mental and interest tests. TCConEd, 1931, No. 444.

3739. **Interest-Values Inventory**, by J. B. Maller and E. M. Glaser. New York: J. B. Maller, Columbia University, 1937. Experimental form.

3740. **Test of Children's Interests**, by W. J. Osburn. Ref: Osburn, W. J. Study of children's interests. Madison, Wisc.: State Department of Public Instruction, 1926.

3741. **Scale for Measuring Masculinity-Feminity Interests to be used with Vocational Interest Blank**, by E. K. Strong. Stanford University, Calif.: Stanford University Press, 1934.

3742. **Interests Questionnaire**, by D. Vampa. Ref: Vampa, D. Richerche psicostatistiche sulle attitudine e sulle vocazioni per la scelta professionale. Rivista di Psicologia, 1933, 29, 249–277.

3743. **Interest Inventory**, by R. Wallace. Range: ages 10–16. Ref: Wallace, R. An interest inventory for use in the Child Guidance Clinic. JJuvRes, 1933, 17, 147–152.

3744. **Recreational Interview**, by C. Wannamaker. Range: separate scales for years 9–16, 17–21, and adult. Chicago: C. H. Stoelting Co. Ref: Wannamaker, C. The recreation program in a plan for social treatment. Institutional Quarterly (Illinois Department of Public Welfare), March, 1925.

3745. **Interest Analysis (How Do You Feel About It?)**, by G. B. Watson. Range: 12 year old groups and up. New York: Association Press.

3746. **Information Test of Children's Reading Interests**, by C. Wissler. Ref: Wissler, C. The interests of children in the reading work of the elementary schools. PedSem, 1898, 5, 523–541.

3747. **Free Association Test of Interests (Intellectual, Social and Activity)**, by J. B. Wyman. Range: ages 8–15. J. W. Pilcher, University of British Columbia. Ref: Terman, L. M., editor. Genetic studies of genius, Vol. I. Stanford University, Calif.: Stanford University Press, 1925, 455–483. Also, Wyman, J. B. The measurement of interest. VocGuidMag, 1929, 8, 54.

3748. **Pressey Interest Questionnaire**, by S. L. Pressey and L. W. Pressey. Range: grades 5–12. Columbus, Ohio.: Psychology Department, Ohio State University, 1922. (Out of print.)

See also addenda, Tests 4254, 4266.

COUNSELING AND RATING CHARTS, RECORD BLANKS

3749. **Providence Personnel Chart**, by R. D. Allen. Philadelphia, Pa.: J. B. Lippincott Co., 1925.

3750. **North Carolina Rating Scale for Fundamental Traits**, by F. H. Allport. Range: adults. Chicago: C. H. Stoelting Co., 1924. Ref: Allport, F. H., and Allport, G. W. Personality traits, their classification and measurement. JAbSoPs, 1921–22, 16, 1–40.

3751. **Personality Rating Scale**, by the Committee on Personality Measurement, American Council on Education, D. A. Robertson, Chairman, 1929. Washington, D. C.: American Council on Education, 1929. Ref: Robertson, D. A., Chairman of Committee on Personality and Measurements. Personnel methods. The Educational Record Supplement, 1928, 9, 53–64. Also: Bradshaw, F. R. The American Council on Education rating scale: its reliability, validity and use. ArPs, 1930, No. 119.

3752. **Personality Charts and Records**, by American Council on Education. Ref: American Council on Education. Measure and guidance of college students. Baltimore: Williams and Wilkins Co., 1933.

3753. **Association Press Rating Scales.** Form B—Behavior Rating Scale; Form F—Fundamentals of Character Scale; Form S—Situation Rating Scale; Form T—Trait Rating Scale. New York: Association Press, 1928.

3754. **A Practical Rating Scale**, by E. D. Bartlett. Ref: Bartlett, E. D. A practical rating scale. IndPs, 1927, 2, 564–570.

3755. **An Observation Sheet for the Interpretation of the Behavior of the Examinee During the Test Period**, by F. Baumgarten. Ref: Baumgarten, F. Approach in taking tests: studying the examinee's behavior. Occupations, 1935, 14, 115–122.

3756. **Personality Record**, by L. Bologa. Ref: Bologa, L. Fisa individuala de observare, un model. Scoala si Viata, 1933, 2, 417–432.

3757. **Comprehensive Individual History Record from Infancy through High School**, by E. O. Bregman. New York: Psychological Corporation, 1936.

3758. **The Experience Variables Record**, by J. O. Chassell. Towson, Md.: Shepherd-Pratt Hospital. Ref: Chassell, J. O. The experience variables. Rochester, N. Y.: Doctor's Dissertation, University of Rochester Medical School, 1928.

Also: Chassell, J. O. A clinical revision of the experience variables record. Psychiatry, 1938, 1, 67–77.

3759. **Route Chart for Self-Guidance.** College of the City of New York. New York: On file at Psychological Corporation.

3760. **Gary Plan for Checking Personal Attributes,** by C. S. Coons. Ref: Coons, C. S. Gary plan for checking personal attributes. North Central Association Quarterly, 1933, 8, 206–212.

3761. **New York Rating Scale for School Habits,** by E. L. Cornell, W. W. Coxe and J. S. Orleans. Range: grades 1–9. Yonkers, N. Y.: World Book Co., 1927.

3762. **Personality Index and Success Guide,** by F. K. Davis. Chicago: C. H. Stoelting Co.

3763. **Modification of Vineland Adjustment Score Card,** by A. K. Eccles. Ref: Eccles, A. K. A modification of the Vineland adjustment score card. TrSchB, 1930, 26, 161–170.

3764. **Guide to the Personal Interview with a Child,** by N. Fenton. Ref: Fenton, N. Guide to the personal interview with a child. Whittier, Calif.: Bureau of Juvenile Research, Whittier State School. Bulletin No. 10.

3765. **Teacher's Rating Scales for Pupil Adjustment,** by F. N. Freeman and E. Kawin. Chicago: University of Chicago Press, 1937.

3766. **Ohio Personality Trait Check List,** by E. A. Gaw. Ref: Gaw, E. A. Teaching student assistants to use objective aids in their interviews with younger students. PsCl, 1930, 19, 116–122.

3767. **The Modern Baby Book and Child Development Record from Birth to Sixteen,** by F. L. Goodenough and J. E. Anderson. New York: W. W. Norton and Co., 1929.

3768. **Observation Record Forms,** by L. K. Hall. Form I—To study group procedure. Form II—To study methods of secretarial leadership. Form III—To study methods of traveling secretaries, Y. M. C. A. New York: Association Press.

3769. **Personnel Assayer,** by H. Hart. Iowa City: Iowa Child Welfare Research Station, University of Iowa, 1923. Ref: Hart, H. Can we measure results in teaching social science? Proceedings of the Nineteenth Meeting of the American Sociological Society, Chicago, 1924.

3770. **A Personality Rating Scale for Children,** by J. A. Hicks. Range: ages 6–9. Ref: Hicks, J. A. A personality rating scale for children 6 to 9 years of age. Parents Magazine, 1934, 9, 16–17; 63–67.

3771. **Pasadena Graphic Rating Scale for School Habits, Attitudes and Traits,** by W. H. Hughes. Ref: Hughes, W. H. A rating scale of individual capacities, attitudes and interests. JEdMeth, 1923, 3, 56–65.

3772. **Questionnaire for Personality Rating of Elementary School Children,** by W. Illge. Ref: Illge, W. Ein Fragenbogen zur Erfassung der Seelenstruktur des Grundschulkindes. ZPädPs, 1930, 31, 97–106.

3773. **Parents Rating Scale,** by W. Joel and J. Joel. Los Angeles, Calif.: W. Joel, 910 Robinson Street.

3774. **Shall I Go to College Test?—A Self Rating Chart,** by L. Jones. Range: high school seniors. Bloomington, Ill.: Public School Publishing Co., 1930. Ref: Thisted, M. N., and Jones, L. A critical analysis of the personnel information blank in use at the State University of Iowa. SchSoc, 1931, 33, 540–544.

3775. **Teacher's Rating of Pupils,** by T. L. Kelley and M. R. Trabue. New York: Charles Scribner's Sons, 1932.

3776. **Personality Records,** by G. A. Kelly. Hays, Kansas: Fort Hays State College, Psychological Clinic.

3777. **Personal Inquiry Form,** by C. Landis and J. Zubin. Ref: Benton, A. L. Interpretation of questionnaire items in a personality schedule. ArPs, No. 190, 1935.

3778. **Individuality Record**, by P. Lecky. New York: Columbia University Press, 1932. Ref: Pallister, H. The negative or withdrawal attitude. A study in personality organization. ArPs, 1933, No. 151.

3779. **Inventory of Activities and Interests (P.Q. or Personality Quotient Test)**, by H. C. Link, P. G. Corby, G. K. Bennett, R. G. Anderson, and S. Roslow. Range: Two forms, one for boys and one for girls, ages 12–19. New York: Psychological Corporation, 1936. (A disguised personality test). Ref: Link, H. C. A test of four personality traits of adolescents. JApPs, October, 1936, 20, 527–534.

3780. **Indiana Psychodiagnostic Blank and Manual**, by C. M. Louttit and W. B. Waskom. Bloomington, Ind.: University of Indiana, 1934. Ref: Louttit, C. M. A blank for history taking in psychological clinics. JApPs, 1934, 18, 737–748. Also: Psychological Clinics, Indiana University, Pub. Ser. 2, No. 7.

3781. **Outline for Personality Study**, by A. G. Melvin. Ref: Melvin, A. G. Building personality. New York: John Day, 1934, p. 267.

3782. **My Record**, by A. B. Moehlman and F. W. Frostic. Range: infants through life. Des Moines, Iowa: Wallace Publishing Co., 1931.

3783. **Oberlin Rating Scales**. Oberlin, Ohio: Oberlin College, 1924. Ref: Hartson, L. D. Further validation of the rating scales used with candidates for admission to Oberlin College. SchSoc, 1937, 46, 155–160.

3784. **Ohio College Association Rating Scale**, by H. A. Toops. Columbus, Ohio: Ohio College Association Committee on Intelligence Tests, Ohio State University.

3785. **Ohio College Association Educational Information Blanks**, by Ohio College Association, Ohio State University. Range: high school. Columbus, Ohio: State University, 1934–1935.

3786. **Observation Method for the Measurement of Nervous Habits in Children**, by W. C. Olson. Ref: Olson, W. C. The measurement of nervous habits in normal children. Minneapolis: University of Minnesota Press, 1929. Also: Olson, W. C. Measure of nervous habits in normal children. JAbPs, 1930–1931, 25, 335–351.

3787. **Graphic Rating Scale**, by D. G. Paterson. Ref: Paterson, D. G. The graphic rating scale. JPerR, 1922, 1, 361–376.

3788. **Information Record**, by S. D. Porteus. Ref: Porteus, S. D. A standardized information record. TrSchB, 1919, 16, 103–111.

3789. **Progressive Education Association, Behavior Description Rating Scales**, by Reports and Records Committee of the Progressive Education Association, E. R. Smith, Chairman, New York: Progressive Education Association, 1935. (Included in "Manual of Directions for Behavior Description."). Also tests employed in the Evaluation in the Eight Year Study, 1938.

3790. **Rating Scale for Mothers and Parental Inventory**, by L. Pruette. Ref: Pruette, L. The parent and the happy child. New York: Henry Holt and Co., 1932.

3791. **Personalysis Chart**, by A. A. Roback. Ref: Roback, A. A. Personalysis: a study in method. Character and Personality, December 1934, 3, 144–156.

3792. **Rating Scale for Judging High School Students**, by H. O. Rugg. Ref: Rugg, H. O. Rating scales for pupils' dynamic qualities: standardizing methods of judging human character. SchRev, 1920, 28, 337–349. Also: Rugg, H. O. Is the rating of human character practicable? JEdPs, 1922, 13, 81–93.

3793. **B E C Personality Rating Schedule, Business Education Council**, by P. J. Rulon, E. A. Nash, G. L. Woodward, et al. Range: grades 7–16. Cambridge, Mass.: Harvard University Press, 1936. Ref: Rulon, P. J. A personality rating schedule. Harvard Teachers Record, February 1936, 6, 46–53.

3794. **Behavior Rating Scale**, by H. Scherke. Ref: Scherke, H. Zur Frage der Schülercharakteristik. Internationale Zeitschrift für Psychologie, 1933, 11, 301–316.

3795. **Graphic Rating Scale**, by W. D. Scott and M. H. S. Hayes. Ref: Scott, W. D., and Hayes, M. H. S. Mental tests in industry—science and common sense in working with men. New York: Ronald Press, 1921.

3796. **Self-Rating Scale**, by W. E. Slaught. Ref: Slaught, W. E. Reliability of a self-rating scale. PerJ, 1932, 11, 20–23.

3797. **Teachers Manual of the Park School System of Pupil Analysis**, by E. R. Smith. Syracuse, N. Y.: C. W. Bardeen, 1920.

3798. **Chart for Recording Traits of Personality**, by E. R. Spaulding. Ref: Spaulding, E. R. The rôle of personality development in the reconstruction of the delinquent. JAbSoPs, 1921, 16, 97–114.

3799. **Rating Technique (General)**, by S. N. Stevens and E. F. Wonderlic. Ref: Stevens, S. N., and Wonderlic, E. F. An effective revision of the rating technique. PerJ, 1934, 13, 125–134.

3800. **Trait Rating Scale.** Ref: Terman, L. M., Editor. Genetic studies of genius, Volume III. Stanford University, California: Stanford University Press, 1930.

3801. **Tjaden's Analytical Interview**, by J. C. Tjaden. Chicago: C. H. Stoelting Co., 1929. Ref: Tjaden, J. C. The causes of delinquency in boys of superior intelligence. Des Moines, Iowa: Board of Control of State Institutions, 1923.

3802. **Ohio Wesleyan Personal History Record**, by L. A. Thompson. Ref: Thompson, L. A. Personal history, intelligence, and academic achievement. JSocPs, 1934, 5, 500–507.

3803. **The Method of Characterological Investigation of the Personality of Children and Youth**, by M. B. Toporova. Ref: Toporova, M. B. (The method of characterological investigation of the personality of children and youth.) Nov. Psikhonevrol. Det Vozr., 1935, 59–74.

3804. **University of Rochester Record of Opinions Regarding Personal Characteristics.** Rochester, N. Y.: University of Rochester.

3805. **Rating Scale**, by R. S. Uhrbrock. Range: graduate students. Chicago: C. H. Stoelting Co.

3806. **Winnetka Scale for Rating School Behavior and Attitudes**, by D. Van Alstyne and Winnetka Public School Staff. Range: elementary school. Winnetka, Ill.: Winnetka Educational Press, 1935. Ref: Van Alstyne, D., Hattwick, L., and Totten, H. A new scale for rating school behavior and attitudes. ElemScJ, 1936, 37, 115–121. Also: Van Alstyne, D. A new scale for rating school behavior and attitudes in the elementary school. JEdPs, 1936, 27, 677–693.

3807. **Personality Rating Scale (self-ordinary-ideal scale)**, by G. B. Watson and R. B. Spence. Ref: Tyler, H. T. The bearing of certain personality factors other than intelligence on academic success. TCConEd, No. 468, 1931.

3808. **Personal Counseling Service Blanks**, by J. G. White. Los Angeles, Calif.: Cooperative Counseling Service, 1934. Also: Stanford University Press, 1938.

3809. **White House Conference Child Rating Blanks**, by Sub-Committee: Functions of Home Activities in the Education of the Child. New York: Century Company, 1930.

3810. **Personality Rating Forms for Elementary School Pupils**, by E. S. Williams. Ref: Williams, E. S. A personality rating form for elementary school pupils. ElemSchJ, 1933, 34, 16–29.

3811. **Outline for Analytical Diagnosis**, by L. Witmer. Ref: Witmer, L. The analytical diagnosis. PsCl, 1922, 14, 129–135.

3812. **Diagnostic Child Study Record,** by P. A. Witty and D. Kopel. Evanston, Ill.: Northwestern University Psycho-Educational Clinic, 1936. Manual published 1938. Ref.: Witty, P., and Kopel, D. Causation and diagnosis of reading ability. JPs, May 1936, 2, 161–191.

3813. **Adjustment Score Card,** by L. N. Yepsen. Range: all ages. Vineland, N. J.: The Training School. Ref: Yepsen, L. N. Objective estimation of social behavior. TrSchB, 1928, 25, 33–41. Also, Yepsen, L. N. A score card of personal behavior. JApPs, 1928, 12, 140–148.

3814. **Behavior Score Card.** Chicago: Board of Education. (Not available.)

VOCATIONAL TESTS

GENERAL

See also: Tests of college and professional aptitude, pp. 28–29; Character and Personality tests, all sections, pp. 190–223; and all of the following sections, pp. 225–245.

3815. **Aids to the Vocational Interview, Record Form B,** a revision by P. S. Achilles of the original Record Form A. New York: Psychological Corporation, 1933.

3816. **Trade Tests,** by J. Amar. Ref: Amar, J. L'orientation professionelle. Supplément à l'ouvrage "Organisation physiologique du travail." Paris: Dunod, 1920.

3817. **A Scale for Measuring Mental Ability in Vocations,** by F. E. Barr. Ref: (1) Barr, F. E. A scale for measuring mental ability in vocations and some of its applications. Stanford Univ., Calif.: M. A. Thesis, Stanford University, 1918. (2) Terman, L. M., Editor. Genetic studies of genius, Volume I. Stanford University, Calif.: Stanford University Press, 1930, 67–69. (3) Proctor, W. M. Psychological tests and guidance of high school pupils. Bloomington, Ill.: Public School Publishing Co., 1923.

3818. **Occupational Rating Scale,** by R. O. Beckman. Ref: Beckman, R. O. A new scale for gauging occupational rank. PerJ, 1934, 13, 225–233.

3819. **Revision of the A-S Reaction Study for Business Use,** by R. O. Beckman. New York: Psychological Corporation, 1932. (Adapted from the original A-S Test by G. W. Allport and F. H. Allport.) Ref: Beckman, R. O. Ascendance-submission test, revised. PerJ, 1933, 11, 387–392.

3820. **Bernstein-Bagdanoff Test,** by A. Bernstein and T. Bagdanoff. Ref: Bernstein, A., and Bagdanoff, T. Experimente über das Verhalten der Merkfähigkeit bei Schulkindern. BPsAu, 1905, 3, 15.

3821. **Compound Slide Rest Test.** Ref: Bingham, W. V., and Freyd, M. Procedures in employment psychology. New York: A. W. Shaw Co., 1926, p. 105.

3822. **Industrial Tests of Time-Study Men,** by E. Bramesfeld. Ref: Bramesfeld, E. Eignungsprüfung von Industriezeitnehmern. IndPste, 1929, 6, 337–346.

3823. **Vocational Tests,** by E. O. Bregman. Ref: Bregman, E. O. Studies in industrial psychology. ArPs, 1922, No. 57.

3824. **Brewer Self-Measuring Scale,** by J. M. Brewer and M. E. Lincoln. Chicago: C. H. Stoelting Co. Ref: Kinder, J. S., and Odell, C. W. Educational tests for use in institutions of higher learning. University of Illinois Bulletin, 1930, 27, 50–51.

3825. **Vocational Information Test,** by J. M. Brewer and M. E. Lincoln. Chicago: C. H. Stoelting Co.

3826. **Brewer's Vocational Guidance Score Blanks,** by J. M. Brewer and M. E. Lincoln. Range: high school and college. Chicago: C. H. Stoelting Co., 1923.

3827. **Brewer's Vocational Guidance Score Blanks for Junior High Schools,** by J. M. Brewer and M. E. Lincoln. Chicago: C. H. Stoelting Co., 1923.

3828. **British Civil Service Tests,** 1920. Ref: Ballard, P. B. Group tests of intelligence. London: Hodder and Stoughton, 1923, p. 72.

3829. **Minnesota Occupational Scale,** by E. S. Brussell. Ref: Brussell, E. S. A revision of the Barr-Taussig scale of occupational intelligence. Madison, Wisc.: Master's thesis, University of Wisconsin, 1932. Also, Goodenough, F. L., and Anderson, J. E. Experimental child psychology. New York: D. Appleton-Century Co., 1931, Appendix A, p. 501–512.

3830. **Vocational Tests,** by Bureau of Personnel Research, Carnegie Institute of Technology.
Bureau Test II, ————

Bureau Test V Range of Interest
Bureau Test VI To select Stenographers
Bureau Test VII To select Stenographers
Bureau Test VIII To select Stenographers
Bureau Test IX Will Profile
Bureau Test XI Social Relations
Bureau Test XIII Business Information
Bureau Test XIV Meeting Objections
Pittsburgh, Pa.: Bureau of Personnel Research, Carnegie Institute of Technology, 1920, 1921.

3831. **C. C. P. Trade Test,** by Committee on Classification of Personnel in the Army, Trade Test Division, 1918. Ref: Griffitts, C. H. Fundamentals of vocational psychology. New York: Macmillan Co., 1924.

3832. **Chapman-Toops Written Trade Test,** by J. C. Chapman and H. A. Toops. Columbus, Ohio: Ohio State University, 1919.

3833. **Vocational Aptitude Examination,** by G. U. Cleeton and C. W. Mason. Range: for sales, technical and executive ability groups. New York: Psychological Corporation, 1935. Ref: Mason, C. W., and Cleeton, G. U. Measuring executive ability. PerJ, 1935, 13, 277–279. Also, Cleeton, G. U., and Mason, C. W. Executive ability: its discovery and development. Yellow Springs, Ohio: Antioch Press, 1934.

3834. **Psycho-Technical Tests,** by G. Corberi. Ref: Corberi, G. Alcuni tests usati in esami psicotecnici. ArIPs, 1923, 3, 28–32.

3835. **Vocational Aptitude Tests,** by R. Couvé. Ref: Couvé, R. Lehrlingseignungsprüfung bei der Deutschen Reichsbahngesellschaft. IndPste, 1925, 2, 289–303.

3836. **Diagnostic Scale for Measuring Apprentices' Attitudes,** by H. E. Geiger. Lafayette, Ind.: Division of Educational Reference, Purdue University, 1936.

3837. **Tests for the Vocational Guidance of Fourteen Year Old School Pupils,** by F. Giese. Ref: Giese, F. Handbuch psychologischer Eignungsprüfungen. Marhold, Germany: Halle, 1925.

3838. **Occupational Tests for Use in Public Employment Offices,** by H. J. Green, R. I. Berman, D. G. Paterson, and M. R. Trabue. Ref: Green, H. J., Berman, R. I., Paterson, D. G., and Trabue, M. R. A manual of selected occupational tests for use in public employment offices. Minneapolis, Minn.: Bulletin of the Employment Stabilization Research Institute, University of Minnesota.

3839. **Tests of Apprentices,** by A. Heilandt, W. Moede, and O. Lipmann. Ref: Baumgarten, F. Die Berufseignungsprufüngen. Berlin: Oldenbourg, 1928, p. 369.

3840. **Vocational Psychology Tests,** by H. L. Hollingworth. Ref: Hollingworth, H. L. Vocational psychology. Chicago: C. H. Stoelting Co.

3841. **Job Satisfaction Inquiry Blank, No. 5, No. 10,** by R. Hoppock. New York: Psychological Corporation, 1934. Ref: Hoppock, R. Job satisfaction. New York: Harper and Brothers, 1935.

3842. **Vocational Skills Tests,** by G. A. Kelly. Hays, Kansas: Fort Hays State College, Psychological Clinic.

3843. **Tests of Employees,** by W. F. Kemble. Ref: Kemble, W. F. Choosing employees by tests. New York: Engineering Magazine Co., 1917.

3844. **Questionnaire to Obtain Attitude toward Work,** by A. W. Kornhauser and A. A. Sharp. Ref: Kornhauser, A. W., and Sharp, A. A. Employee attitudes: suggestions from a study in a factory. PerJ, 1932, 10, 393–404.

3845. **Colgate Scale for Executive Leadership,** by D. A. Laird. Range: adult. Hamilton, N. Y.: Hamilton Republican, 1929.

3846. **Aids to the Vocational Interview (Record Form A),** by A. B. Leahy, P. S. Achilles, and W. V. Bingham. New York: Psychological Corporation, 1929.

Ref: Achilles, P. S. Methods of conducting and recording vocational interviews. VocGuidMag, 1931, 9, 303–308.

3847. **Test for Execution of Orders,** by H. Lehman. Ref: Lehman, H. Eine neue Probe für Auftragserledigung. IndPste, 1926, 3, 140–144.

3848. **Vocational Attitude Quiz,** by H. C. Lehman. Range: grades 3–12. Lawrence, Kansas: H. C. Lehman, University of Kansas, 1925. Ref: Lehman, H. C., and Witty, P. A. A pre-test for courses in vocational guidance. VocGuidMag, 1929, 7, 145–152.

3849. **Employment Tests,** by H. C. Link and others. Chicago: C. H. Stoelting Co. Ref: Link, H. C. Employment psychology. New York: Macmillan Co., 1919. Grammar Test, Comptometer Adding Test, Comptometer Extending Test, Manual Dexterity Test, Spatial Relations Test.

3850. **Vocational Self Analysis Test,** by H. C. E. Liu. Shanghai, China: University of Shanghai.

3851. **ABC Occupational Inventory,** by N. A. Lufburrow. Range: young people and adults. Baltimore, Md.: Publication Press, 1935.

3852. **Metropolitan Life Insurance Company Tests.** Mimeographed form. New York: Metropolitan Life Insurance Co.

3853. **Tests for Apprentices,** by W. Moede. Ref: Moede, W. Die psychotechnische Eignungsprüfung des industriellen Lehrlings. PrakPs, 1919, 1, 6–18; 65–81.

3854. **Tests for Vocational Selection,** by J. O. Monteiro de Camargo. Ref: Monteiro de Camargo, J. O. Tentative de seleccao professional. Brazil: Rivista Polytechnica de São Paulo, 1928, No. 84.

3855. **A Short Test for the Selection of Workers,** by M. S. Munro. London: National Institute of Industrial Psychology. Ref: Munro, M. S. The value of a short test for the selection of workers. Human Factor, 1932, 6, 244–246.

3856. **Mental Tests for Vocational Aptitude,** by H. Münsterberg. Ref: Münsterberg, H. Zur individual Psychologie. Centralblatt für Nervenheilkunde und Psychiatrie, 1891, 14, 196–198. Also: Burtt, H. S. Professor Münsterberg's vocational tests. JApPs, 1917, 1, 201–213.

3857. **Psychological Tests for Vocational Aptitude of College Women,** by E. Murray. Ref: Murray, E. Psychological tests as diagnostic of vocational aptitude in college women. JApPs, 1920, 4, 30–38.

3858. **Tests of Aptitude for Organization,** by G. Nass and L. Lutz. Ref: Nass, G., and Lutz, L. Ueber die Festellung organisatorischer Fähigkeiten. Eine neue Methode auf Grund experimenteller Untersuchung. PsteZ, 1931, 8, 202–218.

3859. **National Institute of Industrial Psychology Vocational Guidance Record.** London: National Institute of Industrial Psychology.

3860. **National Institute of Industrial Psychology Tests for Trade Aptitude.** Chicago: C. H. Stoelting Co. Form Building Test, Foot and Hand Co-ordination Press, Touch Placing Test, Form Relations Test.

3861. **Form Relations and Memory for Designs Test,** by National Institute of Industrial Psychology. Range: age 12 to adult, in the dressmaking industries, etc. Ref: Cattell, R. B. A guide to mental testing. University of London Press, 1936, p. 72.

3862. **Worksamples,** by J. O'Connor.

Worksample No.	1	Clerical Aptitude (Number checking).
Worksample No.	5	Mechanical Aptitude (Wiggly Block).
Worksample No.	16	Finger Dexterity.
Worksample No.	17	Tweezer Dexterity.
Worksample No.	35	Group Contact or Retiring Personality.
Worksample No.	43	Clerical Aptitude (Word checking).
Worksample No.	57	Screw-Driver Skill.
Worksample No.	68	Mechanical Aptitude plus Engineering Knowledge (Pyramid).

Worksample No. 72 Mechanical Aptitude plus Mechanical Knowledge (Tool Assembly).
Worksample No. 75 Mechanical Aptitude.
Worksample No. 115 Mechanical Aptitude plus Mechanical Knowledge (Tool Assembly).

Naperville, Ill.: J. L. Nichols and Co. Also: Chicago: C. H. Stoelting Co. Ref: (1) O'Connor, J. Born that way. Baltimore, Md.: Williams and Wilkins Co., 1928. (2) Keane, F. L., and O'Connor, J. A measure of mechanical aptitude. PerJ, 1927, 6, 15–28. (3) O'Connor, J., and others. Revision of Form A, Worksample 169, judgment in social situations; word-checking, Worksample 43; Worksample 184, test of observation. Technical Report, Human Engineering Laboratory, 1936, Nos. 8, 9, and 10.

3863. **O'Rourke Series of Aids in Placement and Guidance**, by L. J. O'Rourke. Range: grade 7 through college, and adult. Washington, D. C.: Educational and Personnel Publishing Co., 1924, 1926.

3864. **Test of Intelligence for Vocational Orientation**, by H. Piéron and M. Piéron. Ref: Piéron, H., and Piéron, M. Establishment et utilisation d'un test d'intelligence en orientation professionnelle. Hygiène Mentale, 1928, 23, 1–3.

3865. **Trade Tests**, by W. Poppelreuter. Ref: Poppelreuter, W. Was die Medizin von der Psychotechnik lernen sollte. Münchner Medizinsche Wochenschrift, 1926.

3866. **Probst Service Ratings and Service Reports for Job Efficiency**, by J. B. Probst. St. Paul, Minn.: Probst Rating System, 1843 Ashland Ave., 1932–1936.

3867. **Test of Practical Intelligence**, by W. Richter. Ref: Richter, W. Psychologische Untersuchung praktischer Intelligence. IndPste, 1935, 12, 42–48.

3868. **Tests for Selection of Pupils for Higher Trade Schools**, by P. Schäfer. Ref: Schäfer, P. Fähigkeitsprüfungen bei der Aufnahme in die höhre Handelsschule. ZPädPs, 1926, 27, 94–100.

3869. **Psychotechnical Examination of Students in Czecho-Slovakia**, by F. Seracky. Ref: Seracky, F. [Psychotechnical examination of students in Czecho-Slovakia.] Psychotechnische Zeitschrift, 1932, 7, 98–103; 104–108.

3870. **Occupational Inventory**, by R. M. Simpson. Chicago: C. H. Stoelting Co., 1931. Ref: Simpson, R. M. The mechanical aptitudes of 312 prisoners. JApPs, 1932, 16, 485–496.

3871. **Vocational Aptitude Tests**, by O. Stolzenberg. Ref: Stolzenberg, O. Berufseignung Vortrag gehalten auf der Arbeitsnachweiskonferenz der Vereinigung der deutschen Arbeitgeberverbande in Lübeck. Berlin: Berichte, Heft 6 der Vereinigung deutscher Arbeitgeberverbande, 1918.

3872. **Tests of Discrimination and Multiple Choice for Vocational Diagnosis**, by D. Sunne. Ref: Sunne, D. Tests of discrimination and multiple choice for vocational diagnosis. PsBul, 1919, 16, 262–267.

3873. **Taussig Industrial Classification**, by F. W. Taussig. Ref: Taussig, F. W. Principles of economics. New York: Macmillan Co., 1920, Vol. II, 134–137.

3874. **Thurstone Employment Tests**, by L. L. Thurstone. Yonkers, N. Y.: World Book Co.

3875. **Psycho-Technical Tests of Employees**, by A. Tolchinsky. Ref: Tolchinsky, A. La sélection professionnelle à l'Institut du Travail de Moscow. Bulletin Trimestriel de l'office intercommunal d'orientation professionelle de Bruxelles, 1927, 7, 32–39.

3876. **A Scale Measuring General Attitude Toward the Employing Firm**, by R. S. Uhrbrock. Ref: Uhrbrock, R. S. Attitudes of 4430 employees. JSocPs, 1934, 5, 365–377.

3877. **Test for Forecasting Supervisory Ability**, by R. S. Uhrbrock and M. W. Richardson. Ref: Uhrbrock, R. S., and Richardson, M. W. Item analysis; the basis for constructing a test for forecasting supervisory ability. PerJ, 1933, 12, 141–154.

3878. **Vocational Aptitude Tests**, by T. Valentiner. Ref: Valentiner, T. Eignungsprüfungen für die Bremer Grossindustrie. IndPste, 1933, 10, 283–287.

3879. **Viteles Mental Alertness Examination**, by M. S. Viteles. Ref: Schultz, R. S. A test for motor capacity in the industries and in school. JApPs, 1928, 12, 169–189.

3880. **Trade Tests**, by G. G. Weaver. Ref: Weaver, G. G. Trade tests. IndAMag, 1921, 10, 163–166.

3881. **Test for Aptitude for Work during Visual Fatigue**, by K. Winkler. Ref: Winkler, K. Prüfung der Eignung für austrengende Seharbeit. PsteZ, 1933, 8, 69–79.

3882. **Life Work Analyses**, by Y.M.C.A., Cincinnati, Ohio. Also on file at The Psychological Corporation, New York.

3883. **Tests of Apprentices—Adaptation of Rossolimo and National Intelligence Tests**, by M. Zaretzki. Ref: Zaretzki, M. Les tests (Moscow).

3884. **Minnesota Rate of Manipulation Test**, by W. A. Ziegler. Range: for selecting office and shop workers. Minneapolis, Minn.: Educational Test Bureau, 1933. Ref: Bingham, W. V. Aptitudes and aptitude testing. New York: Harper and Brothers, 1937.

The following items have incomplete references or are not available:

3885. **Heydt-Hervig Task Fulfilling Board.** Mentioned in Psychological Abstracts, 1932, 5, 409.

3886. **Vocational Test Record.** Detroit: Institute of Vocational Counsellors. (Not available.)

3887. **Western Electric Employment Tests.** New York: Western Electric Company. (Not available.)

VOCATIONAL INTERESTS

3888. **A Questionnaire for the Study of Vocational Interests**, by J. Bernstein. Ref: Bernstein, J. Di Problem fun takhles bay Yadishe un Poylishe Kinder. Wilna, Poland: Studies in Psychology and Education, Yiddish Scientific Institute, 1933, 179–256.

3889. **Distraction Test of Interests**, by H. E. Burtt. Ref: Fryer, D. Measurement of interests. New York: Henry Holt and Co., 1931, p. 309.

3890. **Interest Test of Agricultural Engineering**, by H. E. Burtt. Ref: Burtt, H. E. Employment psychology. Boston: Houghton Mifflin, 1926, p. 302.

3891. **Carnegie Interest Inventory**, by M. J. Ream, M. Freyd, et al. Pittsburgh, Pa.: Bureau of Personnel Research, Carnegie Institute of Technology, 1921. Ref: Freyd, M. The measurement of interests in vocational selection. JPerR, 1922–1923, 1, 319–328. Also: Fryer, D. Measurement of interests. New York: Henry Holt and Co., 1931, 69–70.

3892. **Revision of Max Freyd's Interest Questionnaire**, by K. M. Cowdery. Ref: Cowdery, K. M. Measurement of professional attitudes. JPerR, 1926, 5, 131–141. Also: Cowdery, K. M. The interest inventory in college vocational guidance. PsCl, 1930, 19, 59–62.

3893. **Occupational Preferences**, by D. R. Craig. Ref: Fryer, D. Measurement of interests. New York: Henry Holt and Co., 1931, p. 63. Also, New York: On file Department of Psychology, New York University.

3894. **T6**, by D. R. Craig. A revision of "Record of Preferences" and used with R. H. Macy and Co. employees. Ref: Fryer, D. Measurement of interests. New York: Henry Holt and Co., 1931, p. 64.

3895. **Student's Attitude Toward Vocational Choice**, by J. G. Darley and E. G. Williamson. Minneapolis, Minn.: University of Minnesota, 1935. Ref: Williamson, E. G., and Darley, J. G. Student personnel work. An outline of clinical procedures. New York: McGraw-Hill Book Co., 1937.

3896. **Vocational Interests Questionnaire,** by E. E. Franklin. Ref: Franklin, E. E. Permanence of interests of junior high school pupils. Baltimore, Md.: Johns Hopkins Press, 1924.

3897. **Freyd's Occupational Interest Blanks,** by M. Freyd. Chicago: C. H. Stoelting Co. Ref: Freyd, M. A method for the study of vocational interests. JApPs, 1922, 6, 243–254.

3898. **Man to Man Rating Scale of Interests,** by D. Fryer. Ref: Fryer, D. Vocational self-guidance. Philadelphia, Pa.: J. B. Lippincott Co., 1925.

3899. **An Interest Estimate Blank,** by D. Fryer. Ref: Fryer, D. Measurement of interests. New York: Henry Holt and Co., 1931, p. 430.

3900. **Test of Occupational Interests,** by G. R. Giles. Ref: Giles, G. R. A new interests test. JEdPs, 1936, 27, 527–536.

3901. **Pattern Similarity Quotient,** by H. W. Hepner. Range: ages 14–45, men and women. (A vocational interest questionnaire.) Syracuse, N. Y.: H. W. Hepner, Syracuse University.

3902. **Vocational Interest Quotient Booklets,** by H. W. Hepner. (Includes occupations for women, skilled trades for men, professional occupations for men, and business occupations for men.) New York: Psychological Corporation, 1931. Ref: Lehman, H. C., and Witty, P. A. Vocational counseling—the interest inventory. AmJPs, 1932, 44, 801–805.

3903. **Vocation-to-Vocation Rating Scale of Interests,** by H. D. Kitson. Ref: Kitson, H. D. Measuring the interest of teachers in their work. TCRec, 1928, 30, 28–33.

3904. **Occupational Interest Blank,** by B. Le Suer. Range: boys of high school age. New York: Psychological Corporation, 1938.

3905. **Self-Administering Vocational Interest Locator with Work Interest Picture,** by N. A. Lufburrow. Range: grades 9 to adults. Baltimore, Md.: Publication Press, 1933.

3906. **Occupational Interest Blank for Women,** by G. E. Manson. Ann Arbor, Mich.: Bureau of Business Research, University of Michigan. Ref: Manson, G. E. Occupational interests and personality requirements of women in business and the professions. Michigan Business Studies, 1931, 3, 381–409.

3907. **Miner's Analysis of Work Interest Blank,** by J. B. Miner. Chicago: C. H. Stoelting Co., 1918. Ref: Miner, J. B. A method for evaluating a psychograph for vocational guidance. JEdPs, 1926, 17, 331–340.

3908. **Vocational Interest Test,** by National Institute of Industrial Psychology. Ref: Earle, F. M. Methods of choosing a career. London: George G. Harrap Co., 1931, 110–113.

3909. **Vocational Interest Test for College Women,** by K. McHale. Washington, D. C.: American Association of University Women, 1634 I St., N. W. Ref: McHale, K. An information test of interests. PsCl, 1930, 19, 53–58. Also: Hunt, T. Measurement in psychology. New York: Prentice-Hall, 1936, p. 198–199.

3910. **Range of Interest Test.** Ref: Aids in selecting salesmen. Bulletin No. 5, Bureau of Salesmanship Research, Carnegie Institute of Technology, 1918.

3911. **Boys' Activity Interest Finder,** by D. E. Sonquist. Chicago: Y.M.C.A. Also, New York: Association Press, 1931. Ref: Sonquist, D. E. The interests of young men. New York: Association Press, 1931.

3912. **Strong Vocational Interest Blank,** by E. K. Strong, Jr. Range: high school, college and adult. Stanford University, Calif.: Stanford University Press, 1927–1934. Revised Form M, 1938. Ref: (1) Strong, E. K., Jr. An interest test for personnel managers. JPerR, 1926, 5, 194–203. (2) Strong, E. K., Jr. Vocational interest test. The Educational Record, 1927, 8, 107–121. (3) Strong, E. K., Jr. Diagnostic value of the vocational interest test. The Educational Record, 1929, 10, 59–68.

3913. **Vocational Interest Blank for Women,** by E. K. Strong, Jr. Range: high school, college and adult. Stanford University, Calif.: Stanford University Press, 1935.

3914. **Vocational Interest Schedule,** by L. L. Thurstone. Range: college students. New York: Psychological Corporation, 1935. Ref: Thurstone, L. L. Factorial analysis of vocational interests. New York: Psychological Corporation.

See also addenda, Test 4214.

BUSINESS ABILITY

3915. **Tests Used for Selection of Department Store Employees,** by V. V. Anderson. Ref: Anderson, V. V. Psychiatry in industry. New York: Harper and Brothers, 1929, 340–348.

3916. **National Business Ability Tests,** by Business Standards Association. Ref: Cody, S. Commercial tests and how to use them. Yonkers, N. Y.: World Book Co., 1915.

3917. **The Personal History Blank as a Salesmanship Test,** by D. B. Goldsmith. Ref: Goldsmith, D. B. The use of the personal history blank as a salesmanship test. JApPs, 1922, 6, 147–155.

3918. **Tests of Sales Aptitude,** by A. Hirsch. Ref: Hirsch, A. Einstellung und Ausbildung kaufmännischer Lehrlinge bei der Osramgesellschaft. PrakPs, 1921, 2, 329–332.

3919. **Self-Measurement Tests,** by N. L. Hoopingarner. Chicago: Bureau of Business Guidance, LaSalle Extension, University of Chicago, 1923. (Not available.) Revised in 1927 and published as Personality and Business Ability Analysis. New York: McGraw-Hill Book Co.

3920. **Sales Ability Test,** by P. Horst. Ref: Horst, P. Increasing the efficiency of selection tests. PerJ, 1934, 12, 254–259.

3921. **Tests of Sales Ability and of Sales Managerial Ability,** by R. F. Lovett and M. W. Richardson. Ref: Lovett, R. F., and Richardson, M. W. Tests of sales ability and of sales managerial ability. PerJ, 1934, 12, 248–253.

3922. **Aptitude Tests for Mercantile Apprentices and Employees,** by W. Moede. Ref: Moede, W. Eignungsprüfung für kaufmannische Lehrlinge und Angstellte. PsteZ, 1930, 7, 1–17.

3923. **A Short Test for the Selection of Workers, [Salesgirls],** by M. S. Munro and W. S. Raphael. Ref: Munro, M. S., and Raphael, W. S. The value of a short test for the selection of workers. Human Factor, 1932, 6, 244–246.

3924. **Test for Ability to Sell (George Washington University Series),** by F. A. Moss, H. Wyle, W. M. Loman, and W. Middleton. Washington, D. C.: Center for Psychological Service, 1929.

3925. **Business Aptitude Test,** by F. A. Moss, K. T. Omwake, and T. Hunt. Range: junior and senior high school. Washington, D. C.: Center for Psychological Service, 1926.

3926. **Salesmanship Tests,** by C. A. Nolan. Ref: The Balance Sheet, 1931, 13, 54–56, 94–95, 151–152; 1932, 13, 193–194.

3927. **Tests of Salesmanship Intelligence,** by E. Stern. Ref: Stern, E. Die Feststellung der psychischen Berufseignung und die Schule. BhZAngPs, 1921, 26.

3928. **Rating Scale for Procter and Gamble Case Goods Salesmen,** by M. W. Richardson and G. F. Kuder. Ref: Richardson, M. W., and Kuder, G. F. Making a rating scale that measures. PerJ, 1933, 12, 36–40.

3929. **Tests of Salesmanship,** by J. Streller. Ref: Streller, J. Die Berufseignung des mittleren kaufmännischen Bureaubeamten im Buchhandel. SchrPsBeWi, 1921, 18.

See also addenda, Test 4236.

CLERICAL

3930. **Benge's Clerical Test K,** by E. J. Benge. Chicago: C. H. Stoelting Co., 1922.

3931. **Tests of Office Employees,** by N. Bramhausen. Ref: Bramhausen, N. Sélection des employés de bureau. RSciTrav, 1929, 1, 499–512.

3932. **Tests for Clerical Occupations**, by C. L. Burt. Ref: Burt, C. L. Tests for clerical occupations. JNaInsIndPs, 1922, 1, 23–27; 79–81.

3933. **C–2 Clerical Test.** Ref: Allen, F. J. Practice in vocational guidance. New York: McGraw-Hill Book Co., 1927, p. 153.

3934. **Trade Test for Clerical Worker**, by the Committee on Classification of Personnel in the Army, Trade Test Division, 1918. Ref: Chapman, J. C. Trade tests. New York: Henry Holt and Co., 1921.

3935. **Detroit Clerical Aptitudes Examination**, by H. J. Baker and P. H. Voelker. Bloomington, Ill.: Public School Publishing Co., 1937.

3936. **Clerical Tests**, by H. A. Filer and L. J. O'Rourke. Washington, D. C.: U. S. Civil Service Commission. Ref: Filer, H. A., and O'Rourke, L. J. Progress in civil service. JPerR, 1923, 1, 484–520.

3937. **Harley's Clerical Test.** Ref: History and description of a personnel program with mental hygiene approach. Attention to individual students. La Salle, Ill.: Student Personnel Department of the LaSalle-Peru-Oglesby Township High School, Junior High School, and Junior College, 1923–26, p. 14.

3938. **I. E. R. General Clerical Test.** New York: Institute of Educational Research, Teachers College, Columbia University, 1922.

3939. **Filing Tests**, by H. C. Link. Alphabetical, topical (easy and advanced). Ref: Link, H. C. Employment psychology. New York: Macmillan Co., 1919. Topical Filing Test published by C. H. Stoelting Co., Chicago, Ill.

3940. **Tests for Hollerith Machine Operators**, by L. Marcus. Ref: Marcus, L. Study of selective tests for Hollerith machine operators. JApPs, 1920, 4, 187–201.

3941. **Minnesota Vocational Test for Clerical Workers**, by D. M. Andrews and D. G. Patterson. New York: Psychological Corporation. Ref: (1) Andrews, D. M. Minnesota vocational test for clerical workers. Minneapolis, Minn.: M. A. Thesis, University of Minnesota. (2) Pond, M. What is new in employment testing? PerJ, 1932, 11, 10–16. (3) Andrews, D. M. An analysis of the Minnesota Vocational Test for Clerical Workers I and II. JApPs, 1937, 21, 18–47; 139–172.

3942. **National Institute of Industrial Psychology Clerical Tests.** London: National Institute of Industrial Psychology.

3943. **National Institute of Industrial Psychology Clerical Test**, American Revision by H. Moore. Range: age 16 and upwards. Chicago: C. H. Stoelting Co., 1934–35. Ref: Moore, H. The Institute's clerical test in America. Human Factor, 1933, 7, 407–410.

3944. **Clerical Aptitude Tests, Junior Grade**, by L. J. O'Rourke. (Clerical problems and reasoning test.) Washington, D. C.: Educational and Personnel Publishing Co.

3945. **Tests for Clerical Workers**, by R. Piddington. Ref: Piddington, R. Psychological tests for clerical workers. AusJPs, 1930, 8, 59–68.

3946. **Adaptation of Bourdon Clerical Test**, by H. Piéron and E. Toulouse. Ref: Gamsa, M., and Salkind, A. Contribution à l'étude de quelques tests d'attention. ArPs(–f), 1929, 21, 307–319.

3947. **Diagnostic Test of Aptitude for Clerical Office Work**, by A. M. Ruggles. Ref: Ruggles, A. M. Diagnostic test of aptitude for clerical office work. TCCon-Ed, 1924, No. 148, 17–25.

3948. **Number Comparison Test**, by H. J. P. Schubert. Range: literate adults. A clerical aptitude test. Buffalo, N. Y.: H. J. P. Schubert, University of Buffalo, 1935.

3949. **Scott Company Filing Test**, by the Scott Company. Chicago: C. H. Stoelting Co., 1926. Ref: Paterson, D. G. The Scott Company's file clerk test. JPerR, 1923, 1, 547–566. Also: Scott, W. D., and Clothier, R. C. Personnel management. New York: A. W. Shaw Co., p. 301–311.

3950. **Scott Company Mental Alertness Tests (For Clerical Workers).** Chicago: C. H. Stoelting Co. Ref: Scott, W. D., and Clothier, R. C. Personnel management. New York: A. W. Shaw Co., p. 227–282.

3951. **Thurstone Employment Tests (Examination in Clerical Work),** by L. L. Thurstone. Yonkers, N. Y.: World Book Co., 1922.

3952. **Diagnostic Tests for the Auditing Division of a Street Railway Company,** by M. S. Viteles. Ref: Viteles, M. S. Job specifications and diagnostic tests of job competency designed for the auditing division of a street railway company: a study in industrial guidance. Philadelphia, Pa.: Psychological Clinic Press, Monograph No. 9, 1922.

3953. **Bureau of Public Personnel Administration Clerical Tests.** Standardized Tests for Alphabetical Filing and Ability to Understand and Follow Written Directions.
Tests for Addressograph Operator
Test for Junior Clerk
Test for Supervising Clerk
Test for Senior Statistical Clerk
Tests for Senior Clerk
Suggested Tests for Senior File Clerk
Suggested Tests for Senior Library Assistant
Suggested Test for Private Branch Exchange Operator
Chicago: Bureau of Public Personnel Administration, 1924–1930. Ref: (1) Anderson, R. N. Measurement of clerical ability. A bibliography. PerJ, 1929, 8, 232–244. (2) PubPerS, 1924, 2, 195–213; 1925, 3, 97–110, 346–372; 1930, 8, 35–39. (Discontinued)

STENOGRAPHERS AND TYPISTS

See also: Achievement Tests, Commercial Stenography and Typing, pp. 93–98.

3954. **Stenogauge,** by E. J. Benge. New York: Psychological Corporation.

3955. **Stenographic Aptitude Test,** by G. K. Bennett. New York: Psychological Corporation, 1937.

3956. **Tests of Typists,** by D. Bieneman. Ref: Bieneman, D. Recherches sur l'aptitude dactylographique en vue de l'orientation professionelle. Bureau International du Travail. Études et Documents, Série J. Enseignement No. 2. Genève, October 1923.

3957. **Prognostic Tests for Typewriting,** by A. Brewington. Ref: Brewington, A. Tests for typewriting. American Shorthand Teacher, 1923, 4, 1–5.

3958. **Bureau of Public Personnel Administration Partially Standardized Tests for Secretary Stenographer.** Ref: PubPerS, 1930, 8, 58–63.

3959. **Trade Test—Stenographer and Typist-Stenographer,** by the Committee on Classification of Personnel in the Army, Trade Test Division, 1918. Ref: Chapman, J. C. Trade tests. New York: Henry Holt and Co., 1921, p. 322.

3960. **Trade Test—Stenographer and Typist, Typist,** by the Committee on Classification of Personnel in the Army, Trade Test Division, 1918. Ref: Chapman, J. C. Trade tests. New York: Henry Holt and Co., 1921, p. 319.

3961. **Edwards Standarized Tests in Stenography and Typewriting,** by I. M. Edwards. Ref: Edwards, I. M. Standardized tests in stenography and typewriting. Chicago School Journal, 1920, 3, 77–78.

3962. **Tests of Typists,** by E. Klockenberg. Ref: Klockenberg, E. Beiträge zur Psychotechnik der Schreibmaschine und ihrer Bedienung. IndPste, 1924, 1, 209–246.

3963. **Tests of Typists,** by J. M. Lahy. Ref: Lahy, J. M. Les signes physiques de la supériorité professionelle chez les dactylographes. CrAcSci, 1913, 156, 1702–1703.

3964. **Dictation and Typing Tests,** by H. C. Link. Ref: Link, H. C. Employment psychology. New York: Macmillan Co., 1919.

3965. **Objective Battery Test for Shorthand,** by M. McLaughlin. Ref: McLaughlin, M. A proposed objective battery test for shorthand. University of Iowa Monograph, 1929, 11, 95–106.

3966. **Tests of Typists,** by B. Muscio and C. M. Sawton. Ref: Muscio, B., and Sawton, C. M. Vocational tests and typewriting. BrJPs, 1923, 13, 344–369.

3967. **Measurement of Skill in Stenography,** by O. A. Ohmann. Ref: Ohmann, O. A. The measurement of capacity for skill in stenography. PsM, 1927, 36, 54–70.

3968. **Typing Tests,** by B. W. Robinson. Ref: Robinson, B. W. An experimental study of certain tests as measures of natural capacity and aptitude for typewriting. PsM, 1927, 36, 38–53.

3969. **Rogers Stenographic and Typing Tests,** by H. W. Rogers and M. Jaques. Chicago: C. H. Stoelting Co., 1921. Ref: Rogers, H. W. Psychological tests for stenographers and typists. JApPs, 1917, 1, 268–274.

3970. **Examinations of Typists,** by W. Runge. Ref: Runge, W. Eignungsprüfung und Wettbewerbeleistungen von Schreibmaschinistinnen. IndPste, 1926, 3, 129–140.

3971. **Thurstone Employment Tests, Examination in Typing,** by L. L. Thurstone. Yonkers, N. Y.: World Book Co., 1920.

3972. **United States Civil Service Commission Stenographer-Typist Examination.** Ref: Washington, D. C.: Annual Report of the Director of Research, U. S. Civil Service Commission, for year ending June 30, 1930, 36–39. Also: Bingham, W. V. Aptitudes and aptitude testing. New York: Harper and Brothers, 1937.

3973. **Stenographic Tests,** by W. H. Woodruff. Ref: Woodruff, W. H. Standardized stenographic tests. JPerR, 1923, 1, 562–567.

3974. **Y. M. C. A. Stenographers' English Test, No. 4.** New York: International Committee of Y. M. C. A.

MECHANICAL APTITUDE, ACHIEVEMENT AND INTERESTS

3975. **Tests of Engineering Apprentices,** by E. P. Allen. Used for selection of school boys having aptitude for engineering training. Ref: Allen, E. P. The selection of engineering apprentices. JNaInsIndPs, 1931, 5, 379–384.

3976. **Tests for Mechanical Aptitude,** by E. Bayer. Ref: Bayer, E. Neue Proben für die Eignungsprüfung. IndPste, 1929, 6, 389–391.

3977. **Miniature Lathe Test.** Ref: Beinhoff, W. Hilfsmittel beim Zweihandprüfer. IndPste, 1934, 11, 254–255.

3978. **A Mechanical Ingenuity Test,** by F. Brümmer. Ref: Brümmer, F. A mechanical ingenuity test. JGenPs, 1929, 2, 522–526.

3979. **Revision of the I. E. R. Assembly Test for Girls,** by E. T. Burr and Z. Metcalfe. Chicago: C. H. Stoelting Co., 1936. Ref: Metcalfe, Z., and Burr, E. T. A practical form of the girls' mechanical assembly test. JApPs, 1936, 20, 672–679; JApPs, 1937, 21, 372–378.

3980. **Mechanical Tests,** by J. C. Chapman. Ref: Chapman, J. C. Trade tests. New York: Henry Holt and Co., 1921, p. 134.

3981. **Manual Skill Tests,** by A. G. Christiaens. Ref: Christiaens, A. G. L'habilité manuelle. BuInNatProf, 1934, 14, 1–6.

3982. **Tests of Mechanical Aptitude,** by J. W. Cox. National Institute of Industrial Psychology, London. Ref: Cox, J. W. Mechanical aptitude. London: Methuen Co., 1928.

3983. **Mechanical Aptitude Tests,** by O. Decroly. Ref: Decroly, O. Examen psychologique des élèves d'une école de méchanique. BuInNatProf, 1925, 5, 1ff.

3984. **Detroit Mechanical Aptitudes Examination for Boys,** by H. J. Baker and A. C. Crockett. Range: junior and senior high school. Bloomington, Ill.: Public School Publishing Co., 1929.

3985. **Detroit Mechanical Aptitudes Examination for Girls,** by H. J. Baker and A. C. Crockett. Range: junior and senior high school. Bloomington, Ill.: Public School Publishing Co., 1929.

3986. **Detroit Manual Ability Task (Arbeits-Prüfung),** by A. C. Crockett. Chicago. C. H. Stoelting Co., 1932. Ref: Crockett, A. C. Measure of manual ability. JApPs, 1930, 14, 414–425.

3987. **Tests of Mechanical Ability,** by F. M. Earle, A. Macrae, et al. London: National Institute of Industrial Psychology, 1929. Ref: Earle, F. M., and Macrae, A. Tests of mechanical ability. London: National Institute of Industrial Psychology, Report No. 3, 1930, p. 42.

3988. **Revision of Stenquist Mechanical Aptitude Test,** by D. Feller. Ref: Feller, D. Quelques observations critiques en vue d'une transformation du test d'intelligence mécanique de Stenquist. AnPs, 1936, 36, 65–81.

3989. **Fowler Foundry Test,** by R. W. Fowler. Range: advanced high school and college. Lafayette, Ind.: Lafayette Printing Co., 1929.

3990. **A Proposed Test for Mechanical Ability,** by E. Hatt and G. C. Brandenburg. Time standards for Healy's Puzzle Box. Ref: Hatt, E., and Brandenburg, G. C. A proposed test for mechanical ability. Engineering Education, 1921, 12, 114–127.

3991. **Technical-Constructive Ability,** by W. Hische. Ref: Hische, W. Psychologische Bestimmung technischkonstruktiver Anlagen. IndPste, 1934, 11, 203–225.

3992. **Tests for Engineering Apprentices,** by H. H. Hsiao. Ref: Hsiao, H. H. (Some attempts at industrial psychotechnology) Contr. Educ., Nat. Cent. Univ., 1934, 1, No. 2. (Chinese.)

3993. **Freyd's Minnesota Interest Analysis,** modified by R. M. Hubbard. Range: junior high school boys. Marietta, Ohio: Marietta Apparatus Co., 1928. Ref: Hubbard, R. M. A measurement of mechanical interests. PedSemJ-GenetPs, 1928, 35, 229–254.

3994. **Engine-Lathe Aptitude Test,** by C. L. Hull. Chicago: C. H. Stoelting Co. Ref: Hull, C. L. Aptitude testing. Yonkers, N. Y.: World Book Co., 1928, 67–69, 179–183.

3995. **Arrangement of Designs,** by A. Huth. Ref: Huth, A. Ordnen von Werkzeichnungen als psychologische Eignungsuntersuchung im Dienste der Berufsberatung. ZPädPs, 1934, 35, 164–171.

3996. **I. E. R. Assembly Test for Girls,** by H. A. Toops. Range: ages 13–16. Chicago: C. H. Stoelting Co., 1923. Ref: Toops, H. A. Tests for vocational guidance of children thirteen to sixteen. TCConEd, No. 136, 1923. Also, Burr, E. T., and Metcalf, Z. I. E. R. assembly test; revised norms based on short form. JApPs, 1937, 21, 372–378.

3997. **Tool-Makers and Machinists Tests,** by H. C. Link and — Keeler. Chicago: C. H. Stoelting Co.

Tool-makers Vocabulary Test
Tool-makers Part-Whole Test
Tool-makers Context Test
Jig and Fixture Designer's Test
Tool-makers and Apprentices Arithmetical Test
Machinists Trade Questions
Machinists Association Test
Machinists Context Test

Ref: Link, H. C. Employment psychology. New York: Macmillan Co., 1919.

3998. **Test of Lock and Keys,** by O. Lipmann and O. Stolzenberg. Ref: Lipmann, O., and Stolzenberg, O. Methoden zur Auslesung hochwertiger Facharbeiter der Metallindustrie. SchrPsBeWi, No. 11. Also: ZAngPs, 1920, 16, 173–249.

3999. **MacQuarrie Test for Mechanical Ability,** by T. W. MacQuarrie. Range: age 10 or older. Los Angeles, Calif.: Southern California School Book Depository, 1925.

4000. **Cradle Test: An Assembly Test for Girls,** by M. McFarlane. Chicago: C. H. Stoelting Co. Ref: McFarlane, M. A study of practical ability. BrJPsM, No. 8, 1925.

4001. **Wheelbarrow Test: An Assembly Test for Boys,** by M. McFarlane. Chicago: C. H. Stoelting Co. Ref: McFarlane, M. A study of practical ability. BrJPsM, No. 8, 1925.

4002. **Test for Knowledge of Tools,** by Marsh. Jackson, Mich.: Board of Education, Public Schools. Ref: Smith, H. J. Objective measurement in industrial education. IndEdMag, 1930, 31, 331, 336.

4003. **Psychological Tests in Engineering,** by A. H. Martin, B-C. Doig, and R. Simmat. Ref: Martin, A. H., Doig, B-C., and Simmat, R. Researches and reports. Some psychological tests applied to engineering workshop apprentices. AusJPs, 1925, 3, 57–69.

4004. **M. I. T. Picture Mechanical Tests.** Ref: Allen, F. J. Practice in vocational guidance. New York: McGraw-Hill Book Co., 1927, p. 153.

4005. **Mechanical Operations and Interests Questionnaires.** Ref: Paterson, D. G., Elliot, R. M., Anderson, L. D., Toops, H. A., and Heidbreder, E. Minnesota mechanical ability tests. Minneapolis: University of Minnesota Press, 1930.

4006. **Mechanical Tests,** by H. Meier and G. Pfahler. Ref: Meier, H., and Pfahler, G. Untersuchung des technischpraktischen und des technisch-theoretischen Verhaltens bei Schulkindern. ZAngPs, 1926, 92–130.

4007. **Minnesota Mechanical Ability and Aptitude Tests,** by D. G. Paterson, R. M. Elliott, L. D. Anderson, H. A. Toops, and E. Heidbreder. Includes Minnesota Spatial Relations Test, Minnesota Assembly Test, Minnesota Paper Form Boards, Minnesota Interest Analysis Test, Hubbard's Questionnaire of Mechanical Interests. Chicago: C. H. Stoelting Co., 1928; Marietta, Ohio: Marietta Apparatus Co.; Minneapolis, Minn.: University of Minnesota Press. Ref: Paterson, D. G., Elliott, R. M., Anderson, L. D., Toops, H. A., and Heidbreder, E. Minnesota mechanical ability tests. Minneapolis, Minn.: University of Minnesota Press, 1930.

4008. **Personnel Bureau Test IV for Graduate Engineers,** by B. V. Moore. Ref: Moore, B. V. Personnel selection of graduate engineers, Princeton, N. J. PsM, 1921, 30, No. 3, 5.

4009. **Form Board for Selecting Engineering Apprentices,** by National Institute of Industrial Psychology. London: National Institute of Industrial Psychology, 1930. Ref: Oakley, C. A. A new form board. Human Factor, 1935, 9, 105–108.

4010. **Engine-Lathe Test Blank,** by W. I. Newman. (For use with Hull's Engine-Lathe Test) Chicago: C. H. Stoelting Co. Ref: Newman, W. I. Practical trade tests. Factory and Industrial Management, 1932, 83, 75–76.

4011. **O'Rourke Mechanical Aptitude Tests, Junior and Senior Grade,** by L. J. O'Rourke. Range: junior and senior high school, college, and industries. Washington, D. C.: Educational and Personnel Publishing Co., 1926.

4012. **Tests of Engine Lathe Aptitude,** by E. F. Patten. Ref: Patten, E. F. An experiment in testing engine lathe aptitude. JApPs, 1923, 7, 16–29.

4013. **Technical Aptitude Test,** by H. Piéron. Ref: Piéron, H. (1) Essais en vue de l'establissement d'une fiche d'aptitude technique. BuInNatProf, 1933, 5, 61–69. (2) Instructions pour l'emploi de la fiche d'aptitude technique. BuInNatProf, 1934, 6, 137–157, 165–176; 1932, 7, 161–164 and 8, 189–195.

4014. **Mechanical Interest Test,** by E. Rice. Ref: Fryer, D. Measurement of interests. New York: Henry Holt and Co., 1931, 264–266.

4015. **Engineering Aptitude Tests,** by H. Rupp. Ref: Rupp, H. Untersuchung zur Lehrlingsprüfung bei Siemens-Schuckert, Berlin. PsteZ, 1925, 1, 11–25, 54–75.

4016. **Four Tests of Mechanical Ability,** by L. Sell. (Includes Bernstein-Bagdanoff Test.) Ref: Sell, L. Abhängigkeit der psychotechnischen Eignung vom Lebensalter. PsteZ, 1929, 4, 8.

4017. **Stenquist Mechanical Aptitude Tests,** by J. L. Stenquist. Range: grade 6–12. Yonkers, N. Y.: World Book Co., 1921. Ref: Lahy, J. M. Standardization of the Stenquist Mechanical Test (French). BuInNatProf, 1931, 3, 5, p. 121–134.

4018. **Stenquist Assembling Tests of General Mechanical Ability,** by J. L. Stenquist. Range: series I and II, grade 5 through adult; series III, grades 3–6. Chicago: C. H. Stoelting Co., 1921. Ref: Stenquist, J. L. Measurements in mechanical ability. TCConEd, 1923, No. 130.

4019. **Mechanical Ability Tests,** by J. R. Stine. Range: high school. Ref: Stine, J. R. Comparative study of the intelligence, work experiences, social status of part time public school students indicative of the part time problem in Ohio. Columbus, Ohio: Ohio State University Press, 1927.

4020. **Performance Test of Ability in Using Measuring Tools,** by H. A. Toops and C. M. Ward. Ref: Toops, H. A., and Ward, C. M. A performance test of ability in using measuring tools. IndEdMag, 1925, 27, 177–180.

4021. **U. S. Army Mechanical Aptitude Test, 1921 Edition.** Revision of E. Rice's Mechanical Interest Test. Ref: Fryer, D. Measurement of interests. New York: Henry Holt and Co., 1931, 264–267.

4022. **Machine Feeding Test,** by M. S. Viteles. Ref: Schultz, R. S. A test for motor capacity in the industries and in school. JApPs, 1928, 12, 169–189.

4023. **Whitman's Manual Dexterity Test,** by E. C. Whitman. Chicago: C. H. Stoelting Co. Ref: Whitman, E. C. A brief test series for manual dexterity. JEdPs, 1925, 16, 118–123.

The following items have incomplete references or are not available:

4024. **Adaptation of the Minnesota Interest Blank for Measuring Scholastic Interests and Social-Mechanical Interests,** by K. Van Tuyl and A. C. Eurich. Ref: Mentioned in Van Tuyl, K., and Eurich, A. C. Measuring the interests of college students with different major subjects. JApPs, 1934, 18, 27–44.

4025. **Tests for General Machinist,** by Bureau of Public Personnel Administration. Chicago: Bureau of Public Personnel Administration, 1926. (Not available.)

MOTORMEN AND VEHICLE DRIVERS

4026. **Tests of Apprentices on the Austrian Railroads,** by R. Anderieth. Ref: Anderieth, R. Die Lehrlingsprüfung bei den Osterreichischen Bundesbahnen. PsteZ, 1930, 5, 29–42; 137–156.

4027. **Tests of Tram Drivers in Italy.** Ref: Baumgarten, F. Die Berufseignungsprüfungen. Berlin: Oldenbourg, 1928, p. 268.

4028. **Tests of Aviators,** by W. Benary. Ref: Benary, W. Kurzer Bericht über Arbeiten zu Eignungsprüfungen für Flieger-beobachter. ZAngPs, 1919, 15, 161.

4029. **Tests for the Selection of Drivers (The Netherlands),** by R. A. Biegel and M. J. De Vries. Ref: Biegel, R. A., and De Vries, M. J. Une installation pour la selection des chauffeurs aux Pays Bas. Travail Humain, 1935, 3, 139–152.

4030. **Measures of Recklessness,** by H. E. Burtt, and O. C. Frey. Range: adult. Ref: Burtt, H. E., and Frey, O. C. Suggestions for measuring recklessness. PerJ, 1934, 13, 39–46.

4031. **Tests of Tram Drivers**, by G. Corberi and V. Favini. Ref: Corberi, G., and Favini, V. L'essame dei conduttori di tram. Rivista di Psicologia, 1923, 19, 57–83.

4032. **Tests of Railway Enginemen**, by R. Couvé. Ref: Couvé, R. Die psychotechnische Eignungsprüfung von Eisenbahnverkehrsbeamten. IndPste, 1924, 1, 22–29.

4033. **Tests of Chauffeurs.** Ref: de Quay, J. Psychologische Keuring van Chauffeurs. Aanleg en Beroep, 1925, 7, 107–109. Also: Baumgarten, F. Die Berufseignungsprüfungen. Berlin: Oldenbourg, 1928.

4034. **Tests for Driving Skill**, by H. R. DeSilva. Ref: DeSilva, H. R. On an investigation of driving skill. Human Factor, 1936, 10, 1–13, 50–63. Also: DeSilva, H. R. and Forbes, T. W. Driver testing results. Cambridge, Mass.: Harvard Traffic Bureau, 1937.

4035. **Tests of Aviators**, by F. C. Dockeray and S. Isaacs. Ref: Dockeray, F. C., and Isaacs, S. Psychological research in aviation in Italy, France, England and the American Expeditionary Forces. JComPs, 1921, 1, 115–148.

4036. **LVF Apparatus**, by K. Dunlap. For testing aviation candidates under conditions of oxygen deficiency. Ref: Dunlap, K. Psychological observations and methods in medical studies in aviation. JAmMedAssoc, 1918, 71, 1392–1400.

4037. **Rotator for Vestibular and Organic Stimulation**, by K. Dunlap. Ref: Dunlap, K. A rotator for vestibular and organic stimulation. JComPs, 1921, 1, 365–367.

4038. **Tests for the Selection of Airplane Pilots**, by E. Edelman. Ref: Edelman, E. Zur Auswahl der Flugzeugführer. IndPste, 1934, 11, 303–311.

4039. **Reactions of Motor Car Drivers**, by T. W. Forbes. Ref: Forbes, T. W. Measuring drivers' reactions. PerJ, 1932, 11, 111–119.

4040. **Multiple Choice Reaction Test**, by W. Forster. Chicago: C. H. Stoelting Co. Ref: Forster, W. A test for drivers. PerJ, 1928, 7, 161–171.

4041. **Test of Perception of Muscular Effort**, by G. Galeotti. Ref: Gradenigo, G. Recherche biologiche sull' aviazione. Rome: Tipografia Nazionale Bertero, 1919, p. 143.

4042. **Test of Speed of Perception of Aviators**, by G. Galeotti. Ref: Gradenigo, G. Recherche biologiche sull' aviazione. Rome: Tipografia Nazionale Bertero, 1919, p. 201.

4043. **Measure of Attention of Aviators**, by G. Galeotti and G. B. Cacciapuotti. Ref: Gradenigo, G. Recherche biologiche sull' aviazione. Rome: Tipografia Nazionale Bertero, 1919, p. 207.

4044. **George Washington University Test for Automobile Drivers**, by W. M. Loman, D. Stubbs and R. H. Moss. Washington, D. C.: Center for Psychological Service, 1930.

4045. **Tests of Aviators**, by G. Gradenigo and A. Gemelli. Ref: Gradenigo, G. Recherche biologiche sull' aviazione. Rome: Tipografia Nazionale Bertero, 1919, p. 45.

4046. **Measure of Attention of Aviators**, by A. Gemelli. Ref: Gradenigo, G. Recherche biologiche sull' aviazione. Rome: Tipografia Nazionale Bertero, 1919, p. 56. Also: Revistadi Psicologia, 1937, 33, 84–101.

4047. **Selection Tests on German Railroads.** Ref: Hallbauer, M. Historisch-kritische Betrachtung zum Fahrzeugführerproblem. PsteZ, 1927, 2, 15.

4048. **Tests of Motormen**, by M. Hallbauer. Ref: Hallbauer, M. Prüfung der Aufmerksamkeits und Reaktionsweise von Triebwagenführern. PrakPs, 1923, 4, 104–113.

4049. **Tests of Yellow Cab Company Drivers.** Ref: Hallbauer, M. Historisch-kritische Betrachtung zum Fahrzeugführeproblem. PsteZ, 1927, 2, 15–23.

4050. **Air Service Tests of Aptitude for Flying**, by V. A. C. Henmon. Ref: Henmon, V. A. C. Air service tests of aptitude for flying. JApPs, 1919, 3, 103–109.

4051. **Test of Speed of Perception for Aviators**, by Herlitzka. Ref: Gradenigo, G. Recherche biologiche sull' aviazione. Rome: Tipografia Nazionale Bertero, 1919, p. 196.

4052. **Jones' Modification of the Barany Chair**, by I. H. Jones. Chicago: C. H. Stoelting Co. Ref: Jones, I. H. Equilibrium and vertigo. Chicago: C. H. Stoelting Co., 1923.

4053. **Tests of Automobile Mechanics**, by W. Knoop. Ref: Knoop, W. Die Eignungsprüfung der Beamtinnen für die Autoruf A. G. IndPste, 1928, 5, 143–146.

4054. **Aptitude Tests for Locomotive Enginemen**, by A. I. Kolodnaja. Ref: Kolodnaja, A. I. [Aptitude tests for locomotive enginemen.] Trudy Zentralnoy Laboratorii po isutscheniju profbolesney na transporte, f. Berufskr., 1928, 1, 114–141; 1929, 2, 79–117.

4055. **Tests of Aviators**, by R. A. Kronfeld. Ref: Kronfeld, R. A. Eine experimentellpsychologische Tauglichkeitsprüfung zum Flugdienst. ZAngPs, 1919, 15, 193–235.

4056. **Tests of Tram and Auto Bus Drivers**, by J. M. Lahy. Ref: Lahy, J. M. La sélection psychophysiologique des travailleurs: conducteurs de tramways et d'autobus. Paris: Dunod, 1927.

4057. **Manual Tests of Automotive Operators**, by A. R. Lauer. Ref: Lauer, A. R. Manual tests of automotive operators. Ames, Iowa: Iowa State Teachers College, 1934.

4058. **Tests for Operators of Tramways**, by R. Ledent and L. Wellens. Ref: Ledent, R., and Wellens, L. La sélection et la surveillance des conducteurs des tramways unifiés de Liége et extensions. Travail Humain, 1935, 3, 385–406.

4059. **Tests of Railway Apprentices**, by L. Leupold. Ref: Leupold, L. Lehrlingsprüfung bei den schweirzerischen Bundesbahnen. IndPste, 1934, 11, 76–79.

4060. **Equilibrium Test**, by — Malon. Ref: Gradenigo, G. Recherche biologiche sull' aviazione. Rome: Tipografia Nazionale Bertero, 1919.

4061. **McCarter's Revision of the Viteles Test for Motormen.** Cleveland, Ohio: Cleveland Municipal Railway Co.

4062. **Test of Chauffeurs**, by W. Moede and C. Piorkowski. Ref: Moede, W. Die experimentelle Psychologie im Dienste des Wirtschaftslebens. Berlin: Springer, 1919. Also: Baumgarten, F. Die Berufseignungsprüfungen. Berlin: Oldenbourg, 1928.

4063. **Standardized Tests for Auto Drivers**, by F. A. Moss. Chicago: Bureau of Public Personnel Administration, 1925. Ref: Woody, C. Standardized tests designed for use in institutions of higher learning. Washington, D. C.: American Council on Education, 1930, p. 69.

4064. **Tests for Motor Men in Electric Railway Service**, by H. Münsterberg. Ref: Münsterberg, H. Psychology and industrial efficiency. Boston: Houghton Mifflin Co., 1913.

4065. **National Institute of Industrial Psychology Tests for Motor Drivers**, by G. H. Miles and D. F. Vincent. London: National Institute of Industrial Psychology. Ref: Miles, G. H., and Vincent, D. F. The Institute's tests for motor drivers. Human Factor, 1934, 8, 245–257. Also: Vincent, D. F. The Institute's apparatus for testing and training drivers. Human Factor, 1936, 10, 64–65.

4066. **Tests for Aviators**, by Nepper and G. Gradenigo. Ref: Stratton, G. M. Psycho-physical tests of aviators. Scientific Monthly, 1919, 8, 421–426. Also: Gradenigo, G.: Recherche biologiche sull' aviazione. Rome: Tipographia Nazionale Bertero, 1919.

4067. **Tests of Crane Operators**, by E. Oberhoff. Ref: Oberhoff, E. Analyse von Fördermaschinistentätigkeit und psychologische Begutachtung von Fördermaschinisten. IndPste, 1930, 7, 73–90.

4068. **Tests of Reaction Time of Aviators,** by A. Romagna-Manoia. Ref: Romagna-Manoia, A. Osservazioni sul tempo di reazione composta. Giornale di Medicina Militare, 1919, 67, 212–217.

4069. **Tests of Motor Vehicles Drivers,** by — Schulte. Ref: Hallbauer, M. Historisch-kritische Betrachtung zum Fahrzeugführerproblem. PsteZ, 1927, 2, 15–23.

4070. **Tests of Street-Car Motormen,** by C. S. Slocombe and E. E. Brakemann. Ref: Slocombe, C. S., and Brakemann, E. E. Psychological tests and accident proneness. BrJPs, 1930, 21, 29–38.

4071. **Line Drawing and Noise Test,** by C. E. Spearman. Used in testing aviators. Ref: Dockeray, F. C., and Isaacs, S. Psychological research in aviation in Italy, France, England, and the American Expeditionary Forces. JComPs, 1921, 1, 115–148.

4072. **Tests of Street Car Motormen,** by J. N. Spielrein et al. Ref: Spielrein, J. N. Ispytanja professjonalnoj prigodnosti wagonowožatych Moskowskago tramwaja w Laborotorji Piomyšlennoj Psichotechniki NKT. Gigiena truda, 1925, 3 (11, 12).

4073. **Method of Testing Street-Car Motormen,** by H. Sachs and E. Stern. Ref: Sachs, H. Studien zur Eignungsprüfung der Straszenbahnführer. ZAngPs, 1920, 17, 199–225.

4074. **Tests of Aviators,** by E. Stern. Ref: Stern, E. Über eine experimental-psychologische Eignungsprüfung für Flugzeugführer. ZAngPs, 1919, 15, 236–253.

4075. **National Safe Drivers Test,** by H. J. Stack. Range: junior and senior high school and adult. New York: National Bureau of Casualty and Surety Underwriters, 1934.

4076. **Tests of Aviators,** by G. M. Stratton, H. C. McComas, J. E. Coover, and E. Bagby. Ref: Stratton, G. M., McComas, H. C., Coover, J. E., and Bagby, E. Psychological tests for selecting aviators. JExPs, 1920, 3, 405–423.

4077. **Tests for Motormen,** by K. A. Tramm. Ref: Gradenowitz, A. Psychology tests for motormen. Electric Railway Journal, 1922, 59, 143–146.

4078. **Tests of Chauffeurs,** by G. van Wayenburg. Ref: Van Went, I. M. Die städtische psychotechnische Prüfstelle Amsterdam. IndPste, 1926, 3 (10). Also: Wayenburg, G. van. Quelques méthodes d'investigation psychotechnique en usage au laboratoire de la ville d'Amsterdam. Segona Conferéncia International de Psicotécnica Applicada a l'Orientació Professional i a l'Organització Científica del Treball. Barcelona, 1922, 400–405.

4079. **Test for Drivers, Yellow Cab Company of Philadelphia,** by M. S. Viteles. Ref: Viteles, M. Industrial psychology. New York: W. W. Norton Co, 1932, 227–228.

4080. **Tests for Motormen,** by M. S. Viteles. Ref: Viteles, M. S. Research in the selection of motormen. Part I—Survey of the literature. JPerR, 1925, 4, 100–115. Part II—Tests devised for the Milwaukee Electric Railway and Light Company. JPerR, 1925, 4, 173–199.

4081. **Tests for Taxicab Drivers,** by D. Wechsler. Includes Self-Administering Maze, obtainable from Psychological Corporation, New York. Ref: Wechsler, D. Tests for taxicab drivers. JPerR, 1926, 5, 24–30.

4082. **Test of Speed of Movement,** by H. Werner. Ref: Werner, H. Prüfung der Fähigkeit der Geschwindigkeitsschätzung und Bremsführung bei Triebwagenführern. PrakPs, 1923, 4, 113–117.

4083. **Tests for Automobile Mechanic,** by Bureau of Public Personnel Administration. Washington, D. C.: Bureau of Public Personnel Administration, 1926. (Not available.)

See also addenda, Tests 4213, 4220, 4225, 4230, 4237, 4251, 4269.

EMPLOYEES OF MANUFACTURING COMPANIES

4084. **Test of Business Knowledge—Atlantic Refining Company,** by E. Bartlett. Ref: Bartlett, E. Test to gauge business knowledge. PerJ, 1927, 6, 199–204.

4085. **Tests of Apprentices in Siemens-Schukertwerken, Nürnberg,** by R. Bolt. Ref: Bolt, R. Eignungsprüfung und planmasziges Anlernen von Gläsblaserinnen für die Herstellung von Elektrolytzählern in den Siemens-Schuckertwerken, Nürnberg. IndPste, 1928, 5, 249–263; 296–307.

4086. **Psychological Tests for Factory Workers,** by E. T. Burr. Ref: Burr, E. T. Psychological tests applied to factory workers. ArPs, 1922, No. 55.

4087. **Cheney Brothers Intelligence Test.** Ref: Lamb, J. P. Intelligence tests in industry. Industrial Management, 1919, 58, 21–23.

4088. **Tests for Accident-Proneness (Aptitude tests for operators and inspectors for factory work),** by C. A. Drake. (For use at Eagle Pencil Co.) New York: C. A. Drake, 222 West 23rd St. Ref: Drake, C. A. Spot the best by test. Factory Management and Maintenance, 1937, XCV, No. 8, 60–62. Also: Drake, C. A. Aptitude tests help you hire. Factory Management and Maintenance, 1937, XCV, No. 6.

4089. **Eastman Kodak Tests.** Manual dexterity and mental alertness tests. Ref: Mann, A. L. Placement of operators through tests. Personnel Administration, 1922, 10, 10–17.

4090. **Examination for Admission to Apprenticeship in the Krupp Gunworks,** by A. Friedrich. Ref: Friedrich, A. Die Einstellungsprüfung der Schlosser und Dreherlehrlinge innerhalb der Friedr. Krupp-A-G, Essen, Germany. PrakPs, 1922, 3, 159–166.

4091. **Aptitude Tests for Women Shopworkers in the Western Electric Company,** by E. G. Hayes. Ref: Hayes, E. G. Selecting women for shop work. PerJ, 1932, 11, 69–85.

4092. **Tests in A. E. G. Factory,** by A. Heilandt. Ref: Heilandt, A. Eignungsprüfung für anzulernende Arbeiter und Arbeiterinnen in der AEG Fabriken. IndPste, 1929, 6, 1–10.

4093. **Examination of Workers in Carl Zeiss Factory,** by G. Immig. Ref: Immig, G. Die prüfung der Hilfsarbeiterinnen bei der Firma Carl Zeiss, Jena. IndPste, 1929, 6, 81–87.

4094. **Tests for Workers in Metal Factories,** by J. M. Lahy. Ref: Lahy, J. M. Notation automatique des résultats de quelques tests psychomoteurs. RScTrav, 1930, 2, 5–18.

4095. **Tests for Selection of Personnel in Textile Dye Works at Bradford, England,** by R. J. Mackay. Ref: Mackay, R. J. Sélection du personnel dans l'industrie des teintureries textiles à Bradford. RScTrav, 1929, 1, 417–423.

4096. **Tests for Metallurgical Factory Personnel,** by F. Matezka. Ref: Matezka, F. Organisation und Wirtschaftlichkeit der Psychotechnik im Eisenwerk Witkowitz. IndPste, 1933, 10, 1–10.

4097. **Milwaukee Electric Railway and Light Company Tests for Clerks, Troublemen, Meter Readers, Shop Apprentices, Salespeople, Car Repairmen.** Milwaukee, Wisc.: Milwaukee Electric Railway and Light Co.

4098. **Examination for Employees of Auer's Store,** by C. Piorkowski. Ref: Piorkowski, C. Über eine Angestelltenprüfung bei der Auerlicht-Gesellschaft. PrakPs, 1919, 1, 33–40.

4099. **Tests of Employees in the Reemtsma Works.** Ref: Arbeiter-Prüfungen in den Reemtsma Works. IndPste, 1929, 6, 333–335.

4100. **Tests for the Selection of Apprentices for Locomotive Factories,** by W. Stern and P. Roloff. Ref: Stern, W., and Roloff, P. Psychologische Auslese der Lehrlinge für deutsche Eisenbahnwerkstatten. ZPädPs, 1921, 22, 50–61.

4101. **Spool-Packing Test,** by J. Weidensall. Chicago: C. H. Stoelting Co.

4102. **Tests of Aptitude for Electrical Industries,** by A. Winckler. Ref: Winckler, A. Eignungsprüfung in Kleinbauwerk der Siemens-Schuckertwerke. IndPste, 1925, 2, 257–276.

4103. **A Test of Bobbin-Winding in a Cotton Mill**, by S. Wyatt and H. C. Weston. Ref: Wyatt, S., and Weston, H. C. A performance test under industrial conditions. BrJPs, 1920, 10, 293–309.

4104. **Bookkeeping and Accounting Test "M,"** Atlantic Refining Co. (Not published.) New York: On file at Psychological Corporation.

SPECIFIC VOCATIONS

4105. **Tests of Students for the Carpenter's Trade**, by R. Arnold. Ref: Arnold, R. Beiträge zur Eignungsprüfung für das Tischlergewerbe. ZAngPs, 1925, 24, 88–116.

4106. **Army Trade Tests**, by W. T. Bawden. Ref: Chapman, J. C. Trade tests. New York: Henry Holt and Co., 1921.

4107. **Aptitude Test for Radio-Telegraphers**, by A. Biegel. Ref: Biegel, A. Eine Eignungsprüfung für Funkentelegraphisten. PsteZ, 1931, 6, 41–45.

4108. **Tests for Agricultural Engineers**, by H. E. Burtt and F. W. Ives. Ref: Burtt, H. E., and Ives, F. W. Vocational tests for agricultural engineers. JApPs, 1923, 7, 178–187.

4109. **Printing Trade Factual Test.** New York: Carnegie Foundation for the Advancement of Teaching.

4110. **Tests of Solderers**, by A. G. Christiaens. Ref: Christiaens, A. G. Etude relative au métier de soudeur autogène. BuInNatProf, 1935, 15, No. 58.

4111. **Test of Station Master**, by E. Claparède. Claparède, E. Le test du chef de gare. ArPs(–f), 1932, 23, 92, 336–343.

4112. **College of the City of New York Test for Opticians.** Includes the Ruch-Cossman Biology Test, MacQuarrie Mechanical Ability Test, Columbia Research Bureau Physics Test, Thurstone Technical Information Test, and Thurstone Intelligence Test. New York: College of the City of New York.

4113. **Test for Statistical Aptitude**, by R. Couvé. Ref: Couvé, R. Die Auslese von Personal für statistiche Arbeiten. IndPste, 1925, 2, 277–279.

4114. **Aptitude Tests for the Surveyor's Occupation**, by H. Dieck. Leipzig: J. A. Barth, 1931. Ref: Dieck, H. Zur Eignungsprüfung für den Vermessungstechnikerberuf. ZAngPs, 1931, 38, 369–447.

4115. **Tests for the Selection of Hotel Staff Personnel**, by M. Diez-Gasca. Ref: Diez-Gasca, M. L'organizzazione scientifica del lavoro. Bulletin Officiel de Orientacio Professional, 12, 51, p. 12–21.

4116. **Aptitude Tests for Millinery Workers**, by M. Diez-Gasca. Ref: Diez-Gasca, M. Richerche sulle attitudini al lavoro di modista. Rass. med. appl. al lavoro indus., 1930, 3, 127–128.

4117. **Trade Tests for the Brakeman's Occupation**, by I. Dilger. Ref: Dilger, I. Eignung, Leistung und Charakter bei Wagenmeistern. IndPste, 1934, 11, 10–15.

4118. **Test for Selection of Gun-Pointers in the Navy**, by R. Dodge. Ref: Yerkes, R. M. Report of the psychological committee of the National Research Council. PsR, 1919, 26, 83–149.

4119. **Tests of Firemen**, by R. Drill. Ref: Drill, R. Eignungsprüfung für die Kommunale Feuerwehr. IndPste, 1927, 4, 289–301.

4120. **Dunlap Omitted Letter Test**, by K. Dunlap. Used in testing proof-readers. Baltimore, Md.: Johns Hopkins University.

4121. **Tests of Workers in the Chemical Industry**, by E. Eberle. Ref: Eberle, E. Eignungsprüfungen an Arbeiterinnen der chemischen Industrie. PsteZ, 1926, 1, 165–171.

4122. **Aptitude Tests for Goldsmith Apprentices**, by H. Eng. Ref: Eng, H. Eignungsprüfung für Goldschmeidelehrlinge an der Handwerksvorschule in Oslo. Oslo, Norway, 1926.

4123. **Tests of Telephone Operators**, by J. Fontègne and E. Solari. Ref: Fontègne, J., and Solari, E. Le travail de la téléphoniste. ArPs(-f), 1918, 17, 81–136.

4124. **Trade and Professional Tests**, by A. Freund. Ref: Freund, A. Qualitätsklassen auf Grund experimenteller Feststellungen. Sächsische Gewerbeschule, 1918, 7, No. 11 and 12.

4125. **Pre-Vocational Printing Test, No. I**, by R. P. Gallagher. Elizabeth, N. J. Gallagher, R. P., Assistant Superintendent of Industrial Arts.

4126. **Judgment Test for Selecting Ships' Captains**, by S. M. Gibson. Modification of Münsterberg's test. Ref: Gibson, S. M. A decision study of one hundred fifty young men and women. JApPs, 1920, 4, 364–374.

4127. **Tests of Telephone Operators**, by F. Giese. Ref: Giese, F. Berufspsychologische Beobachtungen im Reichstelegraphendienst. SchrPsBeWi, 24, p. 43.

4128. **Tests of Telephone Operators in Moscow**, by G. O. Goldblatt and J. N. Spielrein. Ref: Goldblatt, G. O., and Spielrein, J. N. Psichologičeskaja kwalifikacja rabot mjultipelnoj telefonistki. Gigiena truda, 1923. Also: Baumgarten, F. Die Berufseignungsprüfungen. Berlin: Oldenbourg, 1928, p. 495.

4129. **Selection of Police in Bavaria**, by O. Graf. Ref: Graf, O. Das Auslesevefahren bei der Bayerischen Schutzpolizei. PsteZ, 1929, 4, 5, and 6, 109–113; 163–169.

4130. **Test for Sewing-Machine Operators**, by D. Grauer. Ref: Grauer, D. Abilities, attitudes and success: a study of sewing machine operators. PerJ, 1934, 12, 328–333.

4131. **Series of Tests of Clock Makers**, by H. Heinis. Ref: Heinis, H. Étude psychotechnique sur le métier de horloger. AnInstOrnProf, 1922.

4132. **Social Information Test for Camp Leaders**, by C. E. Hendry, H. S. Dimock, et al. New York: Association Press, 1929. Ref: Dimock, H. S., and Hendry, C. E. Camping and character. New York: Association Press, 1929.

4133. **Test of the Ability of an Applicant to Handle a Ticklish Situation Represented by a Standardized Telephone Complaint**, by B. Herwig. Ref: Herwig, B. Eignungsuntersuchungen von Kaufleuten und Beamten, zugleich ein Beitrag zur Methodik der Persönlichkeitsdiagnose. IndPste, 1930, 7, 225–243.

4134. **Tests of Metal Trade Apprentices**, by H. Hildebrandt. Ref: Hildebrandt, H. Versuche mit psychotechnischen Eignungsprüfungen für Ingenieurlehrlinge. IndPste, 1925, 2, 42–49.

4135. **Trade Test Series—Printing**, by W. B. Jones. Pittsburgh, Pa.: W. B. Jones, University of Pittsburgh. (Mimeographed form.)

4136. **Employment Test for Spinning Mill Worker (Japanese)**, by H. S. Kirihara. Ref: Rodokwagaku-kenku, 1928, 5, No. 2.

4137. **Tests for Operators in the Telephone Service**, by O. Klutke. Ref: Klutke, O. Beiträge zur psychotechnischen Eignungsprüfung für den Fernsprechdienst. PrakPs, 1922, 4, 93–110.

4138. **Tests of Operators—Michigan Bell Telephone Company.** Ref: Klutke, O. Eignungsprüfugen für Telephonistinnen in Amerika. IndPste, 1925, 2, 378–384.

4139. **Aptitude Tests in the Textile Industry**, by O. Köhler. Ref: Köhler, O. Eignungsprüfung im Fabrikbetrieb. IndPste, 1932, 9, 272–282.

4140. **A Test for the Selection of Railway Switchmen**, by J. M. Lahy. Ref: Lahy, J. M. La selection professionnelle de aiguilleurs. Travail Humain, 1934, 2, 15–38.

4141. **Tests of Machinists**, by J. M. Lahy. Ref: Lahy, J. M. La sélection psychophysiologique des machinistes de la Société des Transports en commun de la région Parisienne. AnPs, 1924, 25, 106–172.

4142. **Apparatus for Measuring Motor Responses of Tractor Operators**, by V. Lintvariov. Ref: Lintvariov, V. Le cinéergographe. (In Russian.) Psychot. i. psycho-phil., 1931, 44, 351–356.

4143. **Test of Typesetters**, by O. Lipmann. Ref: Baumgarten, F. Die Berufseignungsprüfungen. Berlin: Oldenbourg, 1928, p. 437.

4144. **Aptitude Test for Policemen**, by E. M. Martin. Ref: Martin, E. M. An aptitude test for policemen. Journal of Criminal Law and Criminology, 1923, 14, 376–404.

4145. **Tests of Telephone Operators**, by H. C. McComas. Ref: McComas, H. C. Some tests for efficiency of telephone operators. Journal of Philosophy, Psychology, and Scientific Method, 1914, 11, 293–294.

4146. **Tests for Telegraph Apprentices**, by W. Medrow. Ref: Medrow, W. Zuverlässigkeit verkürzter Eignungsuntersuchungen. PsteZ, 1934, 9, 34–39.

4147. **Test of Police or Criminal Officers**, by A. Moll and C. Piorkowski. Ref: Baumgarten, F. Die Berufseignungsprüfungen. Berlin: Oldenbourg, 1928, p. 619.

4148. **Psychotechnical Selection of Police Officers**, by L. Mota. Ref: Mota, L. Selección psicotecnica de agentes de policia. Arch. Argent. Psicol. Norm. Patol., 1933, 1, 48–58.

4149. **Tests for Ships Officers**, by H. Münsterberg. Ref: Münsterberg, H. Psychology and industrial efficiency. Boston: Houghton Mifflin Co., 1913.

4150. **Tests of Telephone Operators**, by H. Münsterberg. 1911. Ref: Baumgarten, F. Die Berufseignungsprüfungen. Berlin: Oldenbourg, 1928, p. 470.

4151. **Tests of Printing Compositors**, by B. Muscio. Ref: Vocational guidance. British Industrial Fatigue Research Board, Report 12, 1921; Report 16, 1922.

4152. **Blueprint Reading Test**, by W. I. Newman. Chicago: C. H. Stoelting Co. Ref: Newman, W. I. Practical trade tests. Factory and Industrial Management, 1932, 83, 75–76.

4153. **Micrometer Reading Test**, by W. I. Newman. Chicago: C. H. Stoelting Co. Ref: Newman, W. I Practical trade tests. Factory and Industrial Management, 1932, 83, 75–76.

4154. **Mental Tests of Millworkers**, by A. Otis. Ref: Otis, A. The selection of mill workers by mental tests. JApPs, 1920, 4, 339–341.

4155. **Tests of Printers in Leipzig.** Ref: Baumgarten, F. Die Berufseignungsprüfungen. Berlin: Oldenbourg, 1928, p. 443. Also: Friedmann, H. Eignungsprüfung zum Setzer-und-Druckerberuf in der Buchdruckerlehranstalt zu Leipzig. PrakPs, 1920, 1, 249–252.

4156. **Tests of Printers in Munich.** Ref: Baumgarten, F. Die Berufseignungsprüfungen. Berlin: Oldenbourg, 1928, p. 444–455. Also: Huth, A. Münchener Eignungsprüfung für Buchdrucker und Schriftsetzer. SchrPsBeWi, 1922, 20.

4157. **Tests of Proof Readers in Holland.** Ref: Baumgarten, F. Die Berufseignungsprüngen. Berlin: Oldenbourg, 1928, p. 458. Also: Van Ginneken, J. De Drukproef-proef. Aanleg en Beroep, 1925, No. 2.

4158. **Tests of Acetylene Welders**, by K. Radler. Ref: Radler, K. Eignungsprüfung von Acetylenschweiszernnehst technologischen Erfolgskontrollen. IndPste, 1929, 6, 177–194.

4159. **Tests for the Selection of Telephone Operators**, by W. S. Raphael and G. H. Roberts. (London Telephone Service.) Ref: Raphael, W. S., and Roberts, G. H. The selection of telephone operators. Human Factor, 1932, 6, 398–412.

4160. **Mooseheart Graphic Rating Scale for Housemothers and Housefathers**, by M. L. Reymert and H. A. Kohn. Bloomington, Ill.: Public School Publishing Co., 1937. Ref: JApPs, 1938, 22, 288–294.

4161. **Test for Vocational Aptitude,** by H. P. Roloff and W. Stern. Ref: Stern, W., and Roloff, H. P. Psychologische Auslese der Lehrlinge für deutsche Eisenbahnwerkstätten. ZPädPs, 1921, 22, 50–61.

4162. **Tests of Employees,** by H. Rupp. Ref: Rupp, H. Untersuchungen zur Fahrerprüfungen bei der Deutschen Reichspost und bei den Städtischen Strassenbahnen der gemeinde Wien. PsteZ, 1926, 1, 157–165.

4163. **Aptitude Tests in the Metal Working Industry,** by A. Rüssel. Ref: Rüssel, A. Berufspsychologische Studien in der Edelmetallindustrie. ZAngPs, 1932, 41, 4–69.

4164. **Electrical Inclination Test,** by N. W. Ruth. Chicago: C. H. Stoelting Co.

4165. **Tests of Policemen,** by H. Schneickert. Ref: Schneickert, H. Die psychotechnische Methode bei der Auswahl der Tüchtigsten, inbesondere im Kriminaldienste. Deutsche Strafechts-Zeitung, 1920, 7, 221–225.

4166. **Tests of Policemen,** by R. W. Schulte. Ref: Schulte, R. W. Psychotechnik und Polizei. Berlin: Oldenbourg, 1926.

4167. **Series of Tests for Apprentices in the Jewelry and Goldsmith's Trade.** Ref: JNaInsIndPs, 1926, 3, 173.

4168. **A Selection Test for Electrical Troublemen,** by C. L. Shartle. Ref: Shartle, C. L. A selection test for electrical troublemen. PerJ, 1932, 9, 177–183.

4169. **Tests of Aptitude for Moving Picture Work,** by S. Skorodoumoff (Tiflis). Ref: Skorodoumoff, S. L'examen psychotechnique dan le studio cinematographique Grousien. L'Hygiène du Travail, 1927, 1, 56.

4170. **Vocational Tests for Dressmakers' Apprentices,** by W. Spielman. (Includes Thimbles Test.) Chicago: C. H. Stoelting Co. Ref: Spielman, W. Vocational tests for dressmakers' apprentices. JNaInsIndPs, 1923, 1, 227–282.

4171. **Tests of Weavers,** by W. Spielman. Ref: Spielman, W. The vocational selection of weavers. JNaInsIndPs, 1925, 2, 256.

4172. **Psycho-Technical Tests of Tailors,** by G. Stolley. Ref: Stolley, G. Psychotechnische Eignungsprüfung der Schneiderin. IndPste, 1927, 4, 369–379.

4173. **Tests of Prospective Telegraphers,** by L. L. Thurstone. Ref: Thurstone, L. L. Mental tests for prospective telegraphers. JApPs, 1919, 3, 110–117.

4174. **Tests for Garment Machine Operators,** by K. Treat. Ref: Treat, K. Tests for garment machine operators. PerJ, 1929, 8, 19–28.

4175. **Tests of Typesetters in Russia.** Ref: Baumgarten, F. Die Berufseignungsprüfungen. Berlin: Oldenbourg, 1928, p. 459. Also: Hellerstein, S. G., and Itten, A. G. Die psychologische Analyse des Setzerberufes. Moscow: Gigiena truda, 1923, 2 (12).

4176. **Tests of Typesetters in Stuttgart.** Ref: Baumgarten, F. Die Berufseignungsprüfungen. Berlin: Oldenbourg, 1928, p. 439. Also: Krais, D. Eignungsprüfungen bei der Einführung von weiblichen Ersatzlehrkräften in dem Stuttgarter Buchdruckgewerbe. SchrPsBeWi, 1918, 3.

4177. **Tests for Paper Bag Makers,** by L. Walther. Ref: Walther, L. Some experiments in vocational psychophysiology. International Labor Review, 1926, 14, 54–71.

4178. **Psycho-Technical Aptitude Tests for Shoemakers,** by H. Zirn. Ref: Zirn, H. Eine psychotechnische Eignungsprüfung für den Schumacher. PsteZ, 1931, 6, 65–80.

See also addenda, Tests 4240, 4246, 4249, 4268.

The following items have incomplete references or are not available:

4179. **Bureau of Public Personnel Administration Tests for Specific Vocations.**
Tests for Baker.
Tests for Blacksmith.
Tests for Carpenter.
Tests for Cook.
Tests for Cottage Master and Cottage Matron.

Tests for Dietician.
Tests for Electrician.
Tests for Female Playground Supervisor.
Tests for Fire Fighter.
Tests for Fire Lieutenant.
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Tests for Statistician.
Tests for Storekeeper.
Tests for Steam Fireman.
Suggested Tests for Painter.
Suggested Tests for Prison Guard.
Suggested Tests for Janitor.
Suggested Tests for Head Laundrymen.

Chicago: Bureau of Public Personnel Administration, 1924–1930. Ref: Public Personnel Studies, 1924–1930. (Not available.)

4180. **Test for Chemists,** by E. J. Benge. Philadelphia, Pa.: Atlantic Refining Co. (Not available.)

4181. **Mendenhall Clergyman-Rating and Self-Improvement Scale,** by E. N. Mendenhall. Pittsburg, Kansas: E. N. Mendenhall, Director of Cooperative Bureau of Educational Research, State Manual Training Normal School. (Only sample copies available.)

ENVIRONMENT RATINGS

4182. **Apperception Tests—Group Test of Home Environment, Scale B**, by E. M. Burdick. Range: grades 5–8. New York: Association Press, 1930. Ref: Burdick, E. M. A group test of home environment. ArPs, 1928, 16, No. 101.

4183. **Things I Like to Do (Includes Home Background Scale and Social Relations Scale)**, by R. S. Cavan and E. W. Burgess. Chicago: University of Chicago.

4184. **The Social Status Scale 1933: Material Equipment in the Living Room of a Home**, by F. S. Chapin. Minneapolis, Minn.: University of Minnesota Press, 1933. Ref: Chapin, F. S. The measurement of social status by the use of the Social Status Scale 1933. Minneapolis: University of Minnesota Press. Also: Goodenough, F. L., and Anderson, J. E. Experimental child study. New York: D. Appleton-Century Co., 1931, 513–516.

4185. **Home and Social Environment Rating Scale**, by F. S. Chapin. Ref: Chapin, F. S. A quantitative scale for rating home and social environment of middle class families in an urban community—a first approximation to the measurement of socio-economic status. JEdPs, 1928, 19, 99–111.

4186. **Chapman-Sims Socio-Economic Scale**, by J. C. Chapman and V. M. Sims. Ref: Chapman, J. C., and Sims, V. M. The quantitative measurement of certain aspects of socio-economic status. JEdPs, 1925, 16, 380–390.

4187. **Family Inventory**, by R. S. Hayward. Ref: Hayward, R. S. The child's report of psychological factors in the family. ArPs, 1935, No. 189.

4188. **Revision of the Chapman-Sims Socio-Economic Scale**, by J. D. Heilman. Ref: Heilman, J. D. A revision of the Chapman-Sims socio-economic scale. JEdR, 1928, 18, 117–126.

4189. **Hoffman Bilingual Schedule**, by M. N. H. Hoffman. New York: Bureau of Publications, Teachers College, Columbia University. Ref: Hoffman, M. N. H. The measurement of bilingual background. TCConEd, 1934, No. 623.

4190. **Home Information Blank.** Ref: Terman, L. M., Editor. Genetic studies of genius, Volume I. Stanford University, Calif.: Stanford University Press, 1925.

4191. **The Minnesota Home Status Index: A Scale for Measuring Urban Home Environment**, by A. M. Leahy. Minneapolis: University of Minnesota Press. Ref: Leahy, A. M. The measurement of urban home environment. Validation and standardization of the Minnesota Home Status Index. Minneapolis: University of Minnesota Press, 1936.

4192. **Lincoln School Home Information Blank**, by Lincoln School Staff Members. New York: Bureau of Publications, Teachers College, Columbia University, 1935.

4193. **Home Blank**, by S. M. Mathews. Ref: Mathews, S. M. The effect of mothers' out-of-home employment upon children's ideas and attitudes. JApPs, 1934, 18, 116–136.

4194. **Educational Background Questionnaire**, by W. A. McCall and J. P. Herring. Range: all grades. New York: Laidlaw Brothers, 1936.

4195. **Social Adequacy Measuring Scale**, by M. J. McCormick. Chicago: C. H. Stoelting Co., 1930. Ref: McCormick, M. J. A scale for measuring social adequacy. SocSciM, 1930, 1, No. 3. Also: McCormick, M. J. A scale for measuring social adequacy. Washington, D. C.: National Catholic School of Social Service, Catholic University of America, 1930.

4196. **Intra-Family Questionnaire**, by T. R. Myers. Ref: Myers, T. R. Intra-family relation. TCConEd, No. 651, 1936.

4197. **Sims Score Card for Socio-Economic Status**, by V. M. Sims. Range: grades 4–12. Bloomington, Ill.: Public School Publishing Co., 1927. Ref: Sims,

V. M. The measurement of socio-economic status. Bloomington, Ill.: Public School Publishing Co., 1928.

4198. **Measurement of the Secondary School as a Part of the Pupil's Environment,** by J. T. Wade. Ref: Wade, J. T. A measurement of the secondary school as a part of the pupil's environment, by J. T. Wade. TCConEd, 1935, No. 647.

4199. **Home Conditions and Personal and Family History,** by J. E. W. Wallin. Range: early age up to about 20. Chicago: C. H. Stoelting Co. Ref: Wallin, J. E. W. Mental health of the school child. New Haven, Conn.: Yale University Press, 1914, 435–436.

4200. **Scale for Rating Home Contributions to Personality Development,** by G. B. Watson. Ref: Watson, G. B. Scale for rating home contributions to personality development. Baltimore Bulletin of Education, 1930, 8, 177–179.

4201. **Whittier Scale for Grading Home Conditions,** by J. H. Williams. Whittier, Calif.: California Bureau of Juvenile Research, Whittier State School. Ref: Williams, J. H. A preliminary report with some tentative results of its use in grading the homes of delinquent and non-delinquent children. JDel, 1916, 1, 273–286. Also: Williams, J. H. A guide to the grading of homes: directions for using the Whittier scale for grading home conditions with the standard sheet of comparative data. Bulletin No. 7, 1918. Whittier, Calif.: Department of Research, Whittier State School.

4202. **Whittier Scale for Grading Neighborhood Conditions,** by W. W. Clark and J. H. Williams. Whittier, Calif.: California Bureau of Juvenile Research, Whittier State School, 1917. Ref: Clark, W. W., and Williams, J. H. A guide to the grading of neighborhoods. Department of Research Bulletins No. 5 and 8. Whittier, Calif.: Whittier State School, 1917, 1919.

See also addenda, Test 4211.

ADDENDA

UNCLASSIFIED MATERIALS

4203. **Junior School Grading Test,** by W. P. Alexander. Range: ages 7–9. London: University of London Press, 1937.

4204. **Mathematical Ability Test,** by H. E. Amoss. Toronto: Ryerson Press, 1937.

4205. **Teacher Rating Scale,** by B. Baxter. Ref: Baxter, B. Rating teacher's personal effectiveness. Journal of the N.E.A., March, 1938, 27, p. 81.

4206. **Baxter Child Personality Test,** by E. D. Baxter. Range: ages 4–13. Denver, Colo.: E. D. Baxter, University of Denver, 1935. Ref: Baxter, E. D. The Baxter Child Personality Test. JApPs, 1937, 4, Vol. 21, 410–430.

4207. **Social Behavior Patterns Scale,** by E. V. Berne. Ref: Berne, E. V. An experimental investigation of social behavior patterns in young children. UnivIowaSChWelf, 1930, Vol. 4. Also: Williams, H. M. A factor analysis of Berne's social behavior patterns in young children. JExPs, 1935, 4, 142–146.

4208. **Evasion Test,** by H. Brandt. Ref: Brandt, H. Evasion and a manifold association test. UnivIowaSChWelf, 1937, 13, No. 4, 25–50.

4209. **Logical Decision Test,** by H. Brandt. Ref: Brandt, H. A logical decision test: an indirect approach to the study of the emotional orientations of the adolescent. UnivIowaSChWelf, 1937, 13, No. 4, 7–24.

4210. **Handedness Test,** by C. E. Buxton. Ref: Buxton, C. E. A comparison of preference and motor-learning measures of handedness. JExPs, 1937, 21, 464–469.

4211. **Family Background Schedule,** by J. Carpenter and P. Eisenberg. Ref: Carpenter, J., and Eisenberg, P. Some relations between family background and personality. JPs, 1938, 6, 115–136.

4212. **Aptitude for Roentgenology,** by C. Chantraine. Ref: Chantraine, C. Prüfung des Dunkelsehvermogens. Röntgenpraxis, 1937, 9, 329–336.

4213. **Attention Reaction Test for Street Railway System Men,** by G. U. Cleeton. Ref: Cleeton, G. U. Measuring susceptibility to accident in street car operators. PsBul, 1935, 32, 704.

4214. **Vocational Interest Inventory,** by G. U. Cleeton. Bloomington, Ill.: McKnight and McKnight, 1937.

4215. **Cooperative Mathematics Test for Grades 7, 8, and 9,** by A. H. Darnell, J. C. Flanagan, S. W. Fletcher, and R. E. Lutz. New York: Cooperative Test Service, 1938.

4216. **Test of Eye Dominance,** by B. Crider. Ref: Crider, B. A new test of eye dominance. AmJPs, 1937, 49, 669–670.

4217. **Detroit Literature Appreciation Test,** by C. G. Bigger, et al. Detroit, Mich.: Public Schools, Department of Research.

4218. **Survey Test in Plane Geometry,** by H. R. Douglass, R. M. Drake, and V. R. Walker. Range: end of first year. Minneapolis: Educational Test Bureau, 1938.

4219. **Survey Test in Elementary Algebra,** by H. R. Douglass and D. O. Patterson. Range: end of first-year algebra. Minneapolis: Educational Test Bureau, 1938.

4220. **Test of Ability to Judge Space (Tachodograph),** by J. Drabs. Ref: Drabs, J. Distances et vitesses (distances and speeds). Bull. Ergol., 1935, 5, No. 1–2, 89–94.

4221. **Rating Scale for Play Activities of Preschool Children,** by E. Fales. Ref: Fales, E. Rating scale of the vigorousness of play activities of preschool children. ChDev, 1937, 8, 15–46, 144–158.

4222. **Reading Comprehension Maturity E-1, E-2-X,** by D. D. Feder. Range: grades 9–16. Iowa City: D. D. Feder, University of Iowa. (Mimeographed.)

4223. **Re-Arranged Scrambled Sentences,** by D. D. Feder. Range: grades 9–16. Iowa City: D. D. Feder, University of Iowa. (Mimeographed.)

4224. **Rating Scales on Parental Attitude and Behavior,** by Fels Research Institute, Antioch College, Yellow Springs, Ohio. Now in preparation.

4225. **Test of Ocular and Oculomotor Fitness of Aviators,** by C. E. Ferree and G. Rand. Ref: Ferree, C. E., and Rand, G. Pilot fitness and airplane crashes. Science, 1938, 87, 189–193. Also, Ferree, C. E., and Rand, G. Testing fitness for night flying: visual acuity. Arch. Ophthal., Chicago, 1938, 20, 58–79.

4226. **Test of Eye Dominance,** by W. H. Fink. Ref: Fink, W. H. The dominant eye—its clinical significance. Arch. Ophthal., Chicago, 1938, 19, 555–582.

4227. **Color-Form Test,** by M. L. H. Forbes. Ref: Forbes, M. L. H. Block models. PedSemJGenetPs, 1936, 49, 469–470. Also: Forbes, M. L. H. A differential based on the Dearborn Color-Form Test. PedSemJGenetPs, 1936, 49, 470–471.

4228. **Exercise Tolerance Test and Coordination Test,** by R. W. Galloway. Ref: Galloway, R. W. Anatomy and physiology of physical training. Baltimore, Md.: William Wood and Co., 1937.

4229. **Gibson's Intelligence Tests.** Range: ages 10–13. Glasgow, Scotland: Robert Gibson and Sons.

4230. **Tests of Reaction Time in Driving,** by B. D. Greenshields. Ref: Greenshields, B. D. Reaction time in automobile driving. JApPs, 1936, 20, 353–358.

4231. **Army Alpha Examination,** by J. P. Guilford. First Nebraska Edition. Lincoln, Neb.: Sheridan Supply Co. Ref.: Guilford, J. P. A new revision of the Army Alpha examination and a weighted scoring for three primary factors. JApPs, 1938, 22, 239–246.

4232. **Iowa Every-Pupil Tests of Basic Skills: Vocabulary, Basic Study Skills,** by E. Horn, et al. Range: grades 6–8. Iowa City: Bureau of Educational Research and Service, University of Iowa.

4233. **Scale for Measuring Dressing Ability in Nursery School Children,** by C. B. Key, et al. Ref: Key, C. B., et al. The process of learning to dress among nursery school children. GenetPsM, 1936, Vol. 18, No. 2, 67–163.

4234. **Tests of Mental Development (Individual Examination),** by F. Kuhlmann. Range: four months to maturity. Minneapolis: Educational Test Bureau, 1938.

4235. **Meyers Lectometer.** Range: school age children. Ref: Lane, H. S. Measurement of the mental and educational ability of the deaf child. Journal of Exceptional Children, 1938, 4, 169–173.

4236. **Tests for Sales Assistants,** by F. W. Lawe and W. Raphael. Ref: Lawe, F. W., and Raphael, W. Seven years' experience of tests for sales assistants. Human Factor, 1937, 11, 137–145.

4237. **Writing Test for Altitude Flying,** by H. Lottig. Ref: Lottig, H. [Simplification of the writing test in proving capacity for altitude flying.] Luftfahrtmedizin, 1936, 1, 14ff.

4238. **Psycho-Somatic Inventory,** by R. A. MacFarland and C. P. Seitz. New York: Psychological Corporation, 1938.

4239. **Performance Tests for Kindergarten Children (Japanese),** by S. Maekawa and O. Yendo. Ref: Maekawa, S., and Yendo, O. A scale of performance tests in kindergarten children. JapJExPs, 1935, 2, 27–58.

4240. **Tests for Police Officers,** by L. Mata. Ref: Mata, L. Selección psicotécnica de agentes de policia. Arch.Argent.Psyicol.Norm.Patol., 1933, 1, 48–58; 1934, 65–66.

4241. **Test of Eye-Hand Coordination,** by J. E. Moore. Ref: Moore, J. E. A test of eye-hand coordination. JApPs, 1937, 21, 668–672.

4242. **Adaptation of Baker Psychological Tests for First and Second Grade Argentine Children,** by E. Nelson. Ref: Nelson, E. Un test mental para retardados y para miños analfabetos. Psiquiat. y Criminol., 1937, 2, 3–26.

4243. **Block Cube Worksample,** by J. O'Connor. Ref: O'Connor, J. An analysis of the first trial of the block cube worksample 167. Hoboken, N. J.: Technical Report, Human Engineering Laboratory, Stevens Institute, 1938, No. 4.

4244. **Revision of Form A, Worksample 169, Judgment in Social Situations,** by J. O'Connor. Hoboken, N. J.: Technical Report of the Human Engineering Laboratory, No. 8, Stevens Institute of Technology, 1936.

4245. **Ohio State Reading Comprehension Test.** Range: grades 13–16. Columbus, Ohio: Ohio State University, H. A. Toops, Chairman.

4246. **Police General Adaptability Test,** by L. J. O'Rourke. Ref: O'Rourke, L. J. Selection and promotion examinations of police personnel. Proceedings, 41st Annual Convention of International Association of Chiefs of Police, 1934, 50–55.

4247. **Ontario School Ability Examination,** by H. E. Amoss. Range: all ages. Toronto, Canada: Ryerson Press, 1936.

4248. **Orton Intelligence Test.** Range: ages 10–14. Glasgow: Robert Gibson and Sons.

4249. **Police Rating Scale,** by S. D. Parratt. Ref: Parratt, S. D. A scale to measure effectiveness of police functioning. JCrimLawCriminol, 1938, 28, 739–756.

4250. **Philadelphia Silent Reading Test.** Range: grades 7–11. Philadelphia, Pa.: Division of Educational Research, School District of Philadelphia, 1931.

4251. **Standardized Interview for Aviators,** by R. E. Pochtarova. Ref: Pochtarova, R. E. [Analysis of pilots' errors.] Sovetsk. Psikhotekhn., 1934, 7, 161–166.

4252. **Prospective Nurse Measure,** by E. M. Potts. Albany, N. Y.: E. M. Potts, 11 North Pearl St. (Preliminary form.)

4253. **Library Test,** by L. R. Reed. Ref: Reed, L. R. A test of students' competence to use the library. Library Quarterly, April, 1938, 8, 236–283.

4254. **Interest Inventory,** by J. W. Rothney. Ref: Rothney, J. W. Interests of public secondary school boys. JEdPs, 1937, 28, 561–594.

4255. **Wellesley Vocabulary Test,** by J. W. Rothney and F. D. Nichols. Range: grades 9–16. Wellesley, Mass.: The authors, Wellesley College. (Mimeographed.)

4256. **Peabody Library Information Test,** by L. Shores and J. E. Moore. Range: college. Minneapolis: Educational Test Bureau.

4257. **Physical Education Knowledge Tests for Women,** by C. Snell. American Physical Education Association Research Quarterly, 1936, 7, 73–82.

4258. **Test on Manners for Juniors,** by M. B. Stephenson and R. L. Millet. Bloomington, Ill.: McKnight and McKnight, 1938.

4259. **Tests of Primary Mental Abilities,** by L. L. Thurstone. Ref: Thurstone, L. L. Primary mental abilities. Psychometric Monographs, No. 1. Chicago: Psychometric Society, University of Chicago Press, 1938.

4260. **Scale for Measuring Diction,** by W. H. Wilke. Ref: Wilke, W. H. The development and application of a scale for measuring diction. Quarterly Journal of Speech, 1938, 24, 268–281.

4261. **Test for Pitch Discrimination,** by R. F. Wyatt. Ref: Wyatt, R. F. A new instrument for measuring pitch discrimination. AmJPs, 1936, 48, 335–341.

4262. **Yale Legal Aptitude Test.** Ref: Husband, R. W. Statistical prediction of law school success. PsBul, 1936, 33, 737–738.

4263. **Scales for Learning Typewriting,** by E. G. Wiese and J. E. Coover. Ref: Wiese, E. G., and Coover, J. E. The kinaesthetic method of learning touch typewriting. Baltimore: Rowe, 1924, 1927. Also: PsBul, 1930, 27, 640–641. (Supersedes item 1601.)

4264. **Adult Form of the Adjustment Inventory,** by H. M. Bell. Stanford University, Calif.: Stanford University Press, 1938.

4265. **Tests for Aphasia,** by E. C. Chesher. Ref: Chesher, E. C. Aphasia. I. Technique of clinical examination. Bulletin of the Neurological Institute, New York, 1937, 6, 134–144.

4266. **Dunlap Academic Preference Blank,** by J. W. Dunlap. Range: grades 7–9. Yonkers, N. Y.: World Book Co.

4267. **Capacities for Typewriting,** by D. W. Harding. Ref: Harding, D. W. Alternative capacities for typewriting. Human Factor, 1937, 11, 97–105.

4268. **Tests for Chemical Process Workers,** by W. G. Hiscock. Ref: Hiscock, W. G. Selection tests for chemical process workers. Occupational Psychology, 1938, 12, 178–186.

4269. **Revised Tests for Selecting Drivers,** by J. M. Lahy. Ref: Lahy, J. M. Test d'attention diffusée avec présentation mécanique de l'apprentissage et mesure de la durée des reactions. Travail Humain, 1938, 6, 129–171.

4270. **Tests for Tennis Playing,** by A. Lockhart. Ref: Lockhart, A. A survey of testing in tennis. Journal of Health and Physical Education, September, 1938, 433, 462–463.

4271. **Measuring Intelligence by Drawings,** by J. Miller. Ref: Miller, J. Intelligence testing by drawing. JEdPs, 1938, 29, No. 5, 390–394.

4272. **Pintner General Ability Tests: Verbal Series,** by R. Pintner. Range: Intermediate Test, grades 5–8; Advanced Test, grade 9 and above. Yonkers, N. Y.: World Book Co., 1938.

4273. **Pyramid Puzzle,** by R. H. Seashore. Ref: Seashore, R. H. The pyramid puzzle: a useful device in studying thought. AmJPs, 1938, 51, 549–557.

4274. **Index of Marital Happiness,** by L. M. Terman, et al. Ref: Terman, L. M., et al. Psychological factors in marital happiness. New York: McGraw-Hill Book Co., 1938, Chapter 4.

4275. **Wrightstone Scale of Civic Beliefs,** by J. W. Wrightstone. Range: grades 9–12. Yonkers, N. Y.: World Book Co., 1938.

4276. **National Clerical Ability Tests,** by National Council of Business Education, F. D. Nichols, Pres. Cambridge, Mass.: Harvard University.

4277. **Test of Imagination,** by G. D. Higginson. Ref: Higginson, G. D. An objective test of imagination. Ann Arbor, Mich.: Edwards Bros., 1938.

4278. **Examiner's Reading Diagnostic Record for High School and College Students,** by R. Strang. New York: R. Strang, Teachers College, Columbia University, 1938.

4279. **Behavior Rating Scale for Young Chimpanzees,** by M. P. Crawford. Ref: Crawford, M. P. A behavior rating scale for young chimpanzees. JComPs, 1938, 26, 79–92.

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